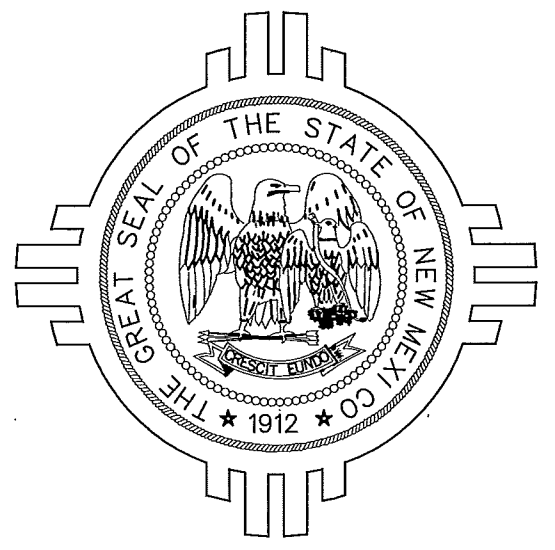
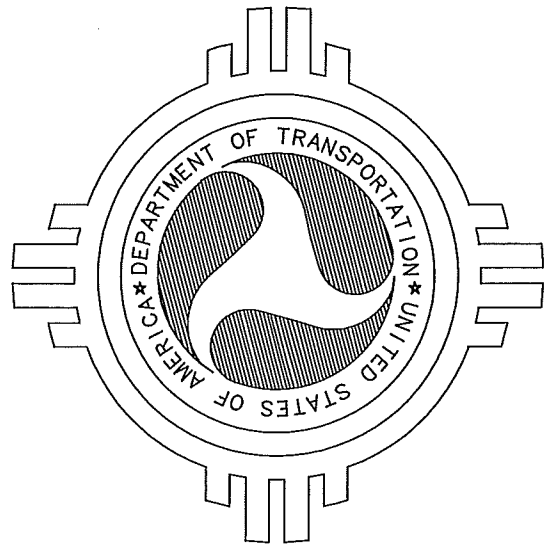


# New Mexico

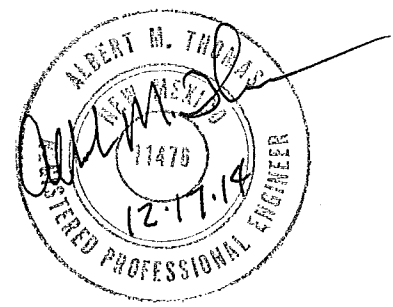
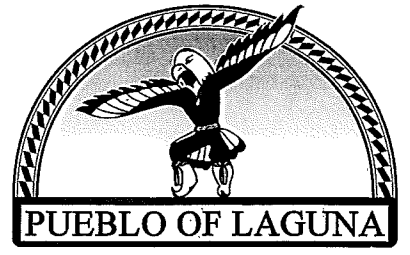
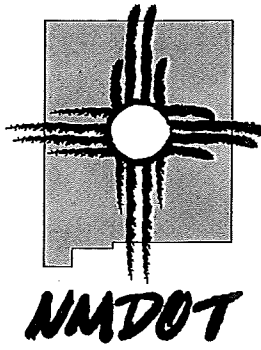
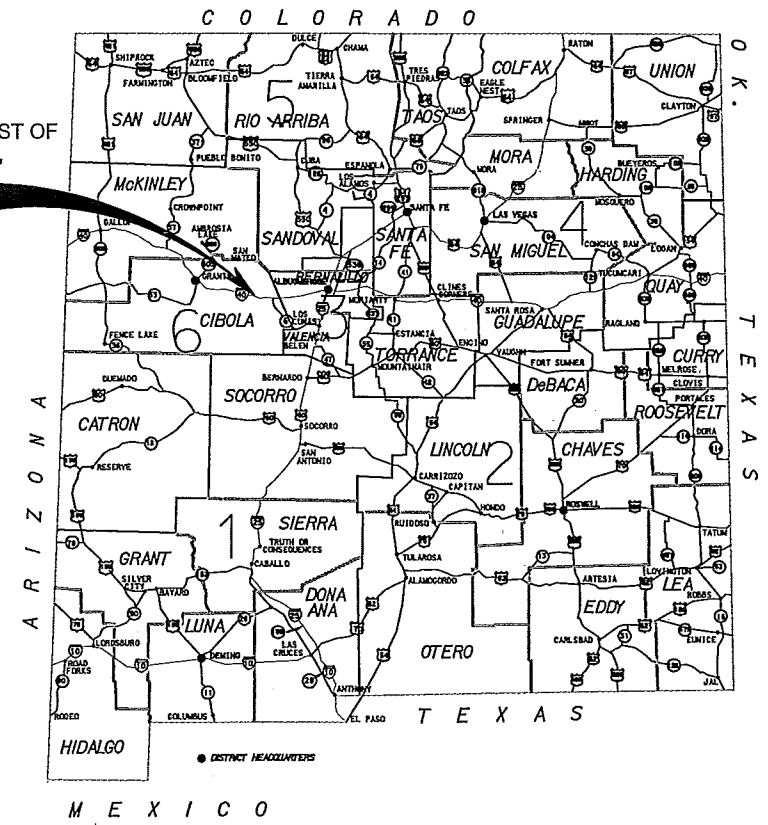
## DEPARTMENT OF TRANSPORTATION

### CONSTRUCTION PLANS

NM 124 ROAD DIET - LAGUNA PUEBLO  
CIBOLA COUNTY  
CN - XXXXXXXX



NMP CN - XXXX  
NM 124 ROAD DIET  
PROJECT TERMINI:  
MP 23.55 TO MP 25.10,  
NM 279 TO 1.5 MILES WEST OF  
INTERSTATE 40 EXIT 114,  
LAGUNA PUEBLO,  
CIBOLA COUNTY



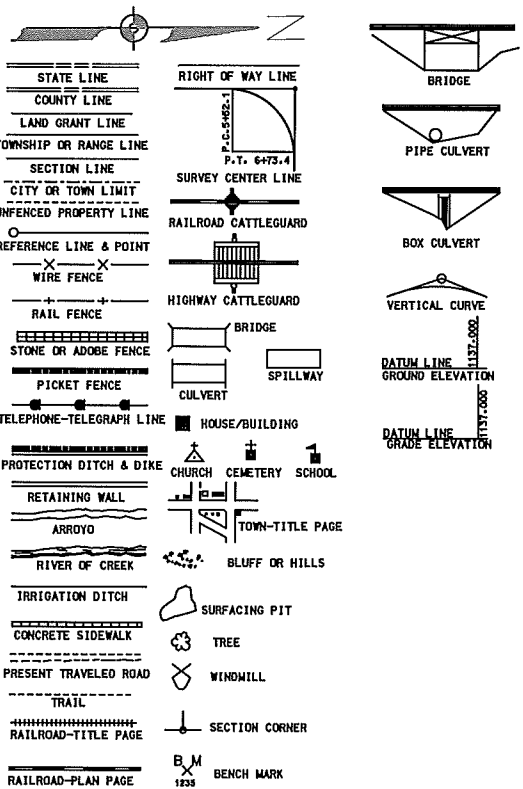
100% SUBMITTAL  
NOVEMBER 2014

**Bohannon & Huston**  
www.bhinc.com 800.877.5332

DESIGNED BY: Bohannon Huston  
PHONE: 505-823-1000  
EMAIL: bhinc.com

CONVENTIONAL ON PLAN

SIGNS ON PROFILE



Length Of Project 1.553 Miles



DISTRICT OFFICE:

CONSTRUCTION PROJECT MANAGER  
JOHNNY GALLEGOS 505-285-6837

MESITA PATROL SUPERVISOR  
JOSEPH BACA 505-240-1851

PROJECT DEVELOPMENT ENGINEER:

BRYAN PETERS, PE 505-285-3262

DESIGNER:

ALBERT M. THOMAS, PE 505-823-1000  
BOHANNAN HUSTON, INC.

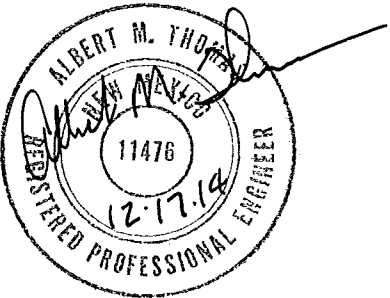
SHIPPING POINTS:

GRANTS, NEW MEXICO

THE 2014 EDITION OF NEW MEXICO DEPARTMENT  
OF TRANSPORTATION STANDARD SPECIFICATIONS  
FOR HIGHWAY AND BRIDGE CONSTRUCTION SHALL

LEGEND

THIS CONTRACT  
BITUMINOUS SURFACED  
GRAVEL SURFACED  
GRADED AND DRAINED  
UNIMPROVED  
PRIMITIVE  
CONCRETE SURFACED



VICINITY MAP

PROJECT INTENT:  
THE PURPOSE OF THIS PROJECT IS TO RESTRIPE NM 124 FROM A 4-LANE ROAD TO A 2-LANE ROAD, STRIPE A PEDESTRIAN/BIKE FACILITY ON THE EXISTING ROAD, AND CONSTRUCT INTERSECTION IMPROVEMENTS AT NM 279, FR 4012 RD, RIO SAN JOSE RD, AND SANDY HILL RD. IMPROVEMENTS INCLUDE INSTALLATION OF CURB & GUTTER, MEDIAN PAVEMENT AND ASPHALT PAVING. BRIDGE BARRIER RAILING AND METAL BARRIER REPLACEMENT WILL OCCUR AT RIO SAN JOSE BRIDGE. SIGNING & STRIPING TO MODIFY THE ROAD SECTION TO A ROAD DIET ROADWAY SECTION WILL OCCUR THROUGHOUT THE PROJECT LIMITS.

ACKNOWLEDGEMENT OF SUPPORT AND DISCLAIMER:  
THIS MATERIAL IS BASED UPON WORK SUPPORTED BY THE FHWA UNDER TIGER II GRANT NO. P-32, COOPERATIVE AGREEMENT NO. DTFH61-11-H-00002.

ANY OPINIONS, FINDINGS, AND CONCLUSIONS OR RECOMMENDATIONS EXPRESSED IN THIS PUBLICATION ARE THOSE OF THE AUTHOR(S) AND DO NOT NECESSARILY REFLECT THE VIEW OF THE FHWA.

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

VICINITY MAP

THESE PLANS WERE DESIGNED AND/OR ASSEMBLED BY:  
BOHANNAN HUSTON PHONE: (505) 823-1000

DRAWING SCALE: 1" = 1 mile

DESIGNED BY: Bohannan Huston

NEW MEXICO PROJECT NO. XXXXXXX

SHEET NO. 1 - 2

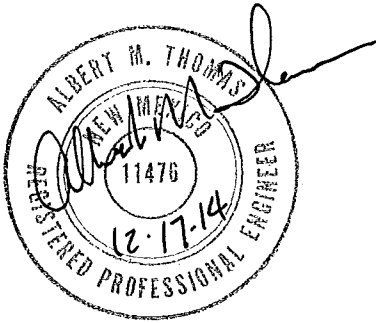
EMAIL: email

PHONE: phone

DESIGNED BY: designer

INDEX OF SHEETS - NM 124 ROAD DIET

SHEET NO.	DESCRIPTION	REVISION	DATE
1-1	COVER SHEET		
1-2	VICINITY MAP		
1-3 TO 1-4	INDEX OF SHEETS		
1-5	SUMMARY OF QUANTITIES		
1-6 TO 1-7	GENERAL NOTES		
1-8	ENVIRONMENTAL REQUIREMENTS		
	SHEET SUBTOTAL = 8		
2-1 TO 2-2	EXISTING TYPICAL SECTIONS		
2-3 TO 2-6	PROPOSED TYPICAL SECTIONS		
2-7	SURFACING SCHEDULE		
2-8	ESTIMATED STRUCTURE QUANTITIES		
2-9	MISCELLANEOUS QUANTITIES		
2-10 TO 2-11	METAL BARRIER REPLACEMENT PLAN		
2-12	MISCELLANEOUS DETAILS		
2-13 TO 2-14	REVEGETATION/ EROSION CONTROL PLAN		
2-15	STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INFORMATION		
2-16	TEMPORARY EROSION & SEDIMENT CONTROL PLAN - NM 279		
2-17	TEMPORARY EROSION & SEDIMENT CONTROL PLAN - RIO SAN JOSE		
2-18	TEMPORARY EROSION & SEDIMENT CONTROL PLAN - RIO SAN JOSE BRIDGE		
2-19	SUGGESTED TEMPORARY EROSION & SEDIMENT CONTROL MEASURE QUANTITIES		
	SHEET SUBTOTAL = 19		
3-0	SURVEY CONTROL & ROADWAY ALIGNMENT DATA		
3-1 TO 3-14	PLAN & PROFILE SHEETS		
3-15 TO 3-17	INTERSECTION MEDIAN GEOMETRY		
	SHEET SUBTOTAL = 18		
4-1 TO 4-3	TURNOUT PROFILES		
	SHEET SUBTOTAL = 3		
5-1	STRUCTURAL - BRIDGE BARRIER RAILING DETAILS		
	SHEET SUBTOTAL = 1		
6-1	SUGGESTED SEQUENCE OF CONSTRUCTION		
6-2	TYPICAL ADVANCE & DEPARTURE SIGNING		
6-3	TRAFFIC CONTROL PLAN PHASE I		
6-4	TRAFFIC CONTROL PLAN PHASE III		
6-5	TRAFFIC CONTROL PLAN PHASE IV		
6-6	TRAFFIC CONTROL PLAN PHASE V		
	SHEET SUBTOTAL = 6		
7-1 TO 7-8	PERMANENT SIGNING & STRIPING PLANS		
7-9	PERMANENT SIGNING & STRIPING QUANTITIES		
	SHEET SUBTOTAL = 9		
8 SERIES	NOT USED		
	SHEET SUBTOTAL = 0		
9 SERIES	NOT USED		
	SHEET SUBTOTAL = 0		
10-1	DRAINAGE STRUCTURE CONCEPTUAL PLAN		
10-2 TO 10-3	DRAINAGE STRUCTURE PROFILES		
	SHEET SUBTOTAL = 3		
11 SERIES	NOT USED		
	SHEET SUBTOTAL = 67		



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
INDEX OF SHEETS			

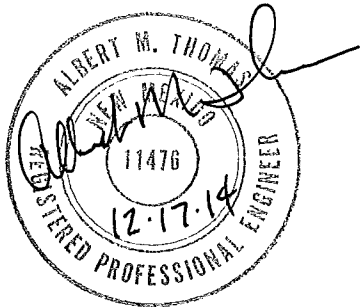
EMAIL: email

PHONE: phone

DESIGNED BY: designer

INDEX OF SHEETS - NM 124 ROAD DIET - CONTINUED

SHEET NO.	DESCRIPTION	REVISION DATE	SERIAL
12-1	MISCELLANEOUS DRAINAGE STANDARD DITCH AND DYKE CONTOUR DITCH AND IRRIGATION DITCH	11/29/04	203-01-1/1
12-2	FILL HEIGHT & BEDDING DETAILS FOR CONCRETE PIPE CULVERTS	04/10/12	206-01-1/1
12-3	MAX AND MIN. COVERS, STEEL ROUND PIPES, CORRUGATED METAL, AND STRUCTURAL PLATE	04/10/12	206-03-1/1
12-4	MAX & MIN. STEEL ROUND PIPES CORRUGATED METAL AND STRUCTURAL PLATE	04/10/12	206-04-2/3
12-5	PIPE COVER STEEL PIPE ARCHES CORRUGATED METAL AND STRUCTURAL PLATE	04/10/12	206-04-3/3
12-6	PIPE COVER-ALUMINUM ROUND PIPES, CORRUGATED METAL AND STRUCTURAL PLATE	04/10/12	206-05-1/1
12-7	CORRUGATED METAL CULVERT AND PIPE ARCHES, BEDDING AND BACKFILL DETAILS	08/29/08	206-07-1/1
12-8	FILL HEIGHTS FOR PLASTIC CULVERT PIPE EXCAVATION DETAIL	03/16/11	206-10-1/1
12-9	PCCP JOINT DETAILS	11/29/04	451-01-1/2
12-10	PCCP JOINT DETAILS	11/29/04	451-01-2/2
12-11	SINGLE METAL PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D - 35%%D SKEW)	07/15/11	511-11-1/2
12-12	SINGLE METAL PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D - 35%%D SKEW)	07/15/11	511-11-2/2
12-13	SINGLE HDPE PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D - 35%%D SKEW)	07/15/11	511-11A-1/2
12-14	SINGLE PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE HDPE PIPE	07/15/11	511-11A-2/2
12-15	MULTIPLE METAL PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D TO 35%%D SKEWED)	07/15/11	511-12-1/2
12-16	MULTIPLE METAL PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D TO 35%%D SKEWED)	07/15/11	511-12-2/2
12-17	MULTIPLE HDPE PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D TO 35%%D SKEW)	07/15/11	511-12A-1/2
12-18	MULTIPLE HDPE PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5%%D TO 35%%D SKEW)	07/15/11	511-12A-2/2
12-19	TYPICAL CONCRETE BLANKET DETAILS	07/15/11	511-15-1/2
12-20	TYPICAL CONCRETE BLANKET DETAILS	07/15/11	511-15-2/2
12-21	TYPICAL CONCRETE BLANKET DETAILS HDPE PIPE	07/15/11	511-15A-1/2
12-22	TYPICAL CONCRETE BLANKET DETAILS HDPE PIPE	07/15/11	511-15A-2/2
12-23	TYPICAL CONCRETE BLANKET DETAILS FOR PARALLEL HDPE CULVERT DRAIN	07/15/11	511-17A-1/1
12-24	TYPICAL CONCRETE BLANKET GENERAL NOTES & TABLES FOR PARALLEL CULVERT DRAIN	07/15/11	511-24-1/2
12-25	TYPICAL CONCRETE BLANKET DETAILS FOR PARALLEL CULVERT DRAIN	07/15/11	511-24-2/2
12-26	FLOWABLE FILL FOR CULVERTS	03/16/11	516-01-1/2
12-27	FLOWABLE FILL FOR CULVERTS (DETAILS OF COLLAR AND PLUG)	03/16/11	516-01-2/2
12-28	EROSION CONTROL AT CULVERT OUTLETS	11/16/09	602-02-1/1
12-29	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES	11/29/04	603-01-1/7
12-30	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CHECK DAMS	11/29/04	603-01-2/7
12-31	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CULVERT AND DROP INLET PROTECTION	11/29/04	603-01-4/7
12-32	W-BEAM GUARDRAIL	05/06/14	606-GR31-1/20
12-33	THRIE BEAM GUARDRAIL	05/06/14	606-GR31-2/20
12-34	BEAM GUARDRAIL ELEMENTS	05/06/14	606-GR31-3/20
12-35	BEAM GUARDRAIL POSTS AND BLOCKS	05/06/14	606-GR31-4/20
12-36	TYPICAL INSTALLATION AND SURFACING DETAILS	05/06/14	606-GR31-6/20
12-37	END TREATMENT TL-3 END TERMINAL	05/06/14	606-GR31-7/20
12-38	TRANSITION METAL BARRIER TO RIGID BARRIER	05/06/14	606-GR31-17/20
12-39	EXISTING BEAM GUARDRAIL TO 31" BEAM GUARDRAIL TRANSITION	05/06/14	606-GR31-18/20
12-40	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES	11/29/04	603-01-1/7
12-41	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CHECK DAMS	11/29/04	603-01/2/7
12-42	METAL BARRIER DETAIL TYPE "A" END ANCHORAGE	07/08/86	M-21-65A
12-43	TYPE 2 (37.5) ET-PLUS	01/11/05	606-11-1/2
12-44	BARBED WIRE AND WOVEN WIRE FENCE PLACEMENT	11/29/04	607-01-3/4
12-45	FIELD LABORATORY TYPE II	11/29/04	622-02-1/2
12-46	FIELD LABORATORY TYPE II	11/29/04	622-02-2/2
12-47	SUPPLEMENTAL FIELD LABORATORY	11/29/04	622-03-1/1
12-48	MEDIAN DROP INLET JUNCTION BOX, GRATES, NOTES, AND QUANTITIES	11/10/09	623-01-1/1
12-49	MEDIAN DROP INLET DETAIL AND QUANTITIES TYPE I, TYPE II	11/10/09	701-03-2/2
12-50	TYPICAL PASSING LANE AND LANE REDUCTION SIGNING AND STRIPING DETAILS	01/10/13	623-14-1/3
12-51	DROP INLET FOR TYPE "B" CURBS, GRATES, FRAMES, NOSE PLATES AND CENTER SUPPORT BEAMS	01/10/13	623-14-2/3
12-52	MISCELLANEOUS SIGN FACE DETAILS	02/03/05	701-15-2/2
12-53	CONSTRUCTION SIGN FACE DETAILS	04/25/05	702-01-1/3
12-54	PRECAST CONCRETE MANHOLE TYPE "C" FOR STORM DRAINS	04/25/12	662-01-1/3
12-55	PRECAST CONCRETE MANHOLE FRAME LID DETAILS AND STEP DETAILS	04/25/12	662-01-3/3
12-56	DOUBLE FINES IN WORK ZONES SIGNING LAYOUT	04/17/08	702-02-1/2
12-57	DOUBLE FINES IN WORK ZONES SIGN FACE DETAILS	04/17/08	702-02-2/2
12-58	BOP-EOP SIGNING (4 LANE)	03/22/05	702-04-1/1
12-59	TYPICAL SIGNING FOR OGFC OPERATION; RURAL, NON-INTERSTATE	03/14/05	702-07-1/1
12-60	INSIDE LANES/MEDIAN & OUTSIDE LANES OPERATIONS; RURAL, NON-INTERSTATE	02/21/05	702-10-1/1
12-61	ROAD OBJECT MARKER DETAILS	03/14/05	703-01-1/3
12-62	ROAD DELINEATOR - GUIDE DETAILS	01/11/05	703-01-2/3
12-63	DELINEATORS & OBJECT MARKERS	01/11/05	703-01-3/3
12-64	REFERENCE LOCATION SIGN & 1/10TH MILE DELINEATORS	03/14/05	703-02-1/2
12-65	REFERENCE LOCATION SIGN DETAIL FOR NON-INTERSTATE HIGHWAYS	02/03/05	703-02-2/2
12-66	TYPICAL RAISED PAVEMENT MARKER PLACEMENT	01/11/05	704-01-1/2
12-67	TYPICAL RAISED PAVEMENT MARKER PLACEMENT	01/11/05	704-01-2/2
12-68	PAVEMENT MARKINGS AND MESSAGES	04/17/08	704-03-1/2
12-69	PAVEMENT MARKINGS AND MESSAGES	04/17/08	704-03-2/2
	SHEET SUBTOTAL = 69		
	TOTAL SHEETS = 136		



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

INDEX OF SHEETS

EMAIL: email

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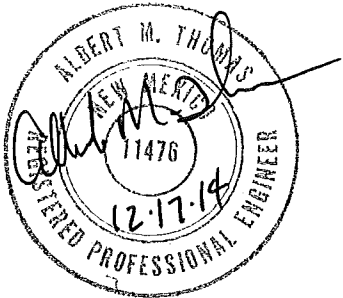
SUMMARY OF QUANTITIES

ITEM SPECIFICATIONS			ROADWAY		CONSTRUCTION SIGNING		PERMANENT SIGNING		CONSTRUCTION ENGINEERING		DETOUR		PROJECT TOTAL	
NUMBER	DESCRIPTION	UNIT	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
201000	CLEARING AND GRUBBING	LS	LS										LS	
203000	UNCLASSIFIED EXCAVATION	CY	50										50	
203100	BORROW	CY	5000										5000	
207000	SUBGRADE PREPARATION	SY	8320										8320	
304000	BASE COURSE 6"	SY	8320										8320	
407000	BITUMINOUS MATERIAL FOR TACK COAT	T	6										6	
408100	PRIME COAT MATERIAL	T	31.5										31.5	
416000	MINOR PAVEMENT SP-III, 5.5" TOTAL - 2 LIFTS	SY	8320										8320	
511300	SUBSTRUCTURE CONCRETE CLASS A FOR CULVERT PIPE SLOPE BLANKETS	CY	16										16	
543002	METAL RAILING, TYPE A42	LF	258										258	
570024	24" CULVERT PIPE	LF	330										330	
601000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS	LS										LS	
601110	REMOVAL OF SURFACING	SY	2170										2170	
602000	RIPRAP CLASS A	CY	25										25	
602010	RIPRAP CLASS B	CY	160										160	
603100	TEMPORARY SOIL STABILANT	AC	0.9										0.9	
603221	CHECK DAM TYPE II	LF	80										80	
603250	DROP INLET PROTECTION TYPE I	EA	2										2	
603260	CULVERT PROTECTION	SY	35										35	
603261	MULCH SOCKS	LF	2550										2550	
603270	SWPPP PLAN PREPARATION ALLOWANCE	ALLOW							ALLOW				ALLOW	
603280	SWPPP MANAGEMENT	LS							LS				LS	
606000	METAL BARRIER W-BEAM	LF	2825										2825	
606010	METAL BARRIER THREE BEAM	LF	69										68.75	
606050	METAL BARRIER END TREATMENT, TL-3 END TERMINAL	EA	5										5	
607079	PEDESTRIAN/BICYCLE RAILING	LF	258										258	
608206	CONCRETE MEDIAN PAVEMENT 6"	SY	290										290	
609200	HEADER CURB	LF	40										40	
609478	CONCRETE BARRIER CURB AND GUTTER TYPE D 6"x18"	LF	4830										4830	
618000	TRAFFIC CONTROL MANAGEMENT	LS							LS				LS	
621000	MOBILIZATION	LS	LS										LS	
622002	FIELD LABORATORY, TYPE II	EA							1				1	
622110	SUPPLEMENTAL HOT-MIX ASPHALT FIELD LAB	EA							1				1	
623000	MEDIAN DROP INLET TYPE I (URBAN) 0'-3' DEPTH	EA	1										1	
623332	CURB DROP INLET TYPE II-B, OVER 4'	EA	1										1	
631000	SNOW PLOWABLE RAISED PAVEMENT MARKERS (SPECIAL PROVISION)	LF	850										850	
632000	CLASS A SEEDING	AC	0.1										0.1	
632020	CLASS C SEEDING	AC	0.9										0.9	
662010	MANHOLE TYPE C - 6' DIA. 0'-6' DEPTH	EA	1										1	
662400	MANHOLE ADJUSTMENT	EA	8										8	
667500	BOLLARD	EA	14										14	
701000	PANEL SIGNS	SQ FT					670						670	
701030	REMOVE AND SALVAGE PANEL SIGN	EA					23						23	
701100	STEEL POST & BASE POST FOR ALUMINUM PANEL SIGNS	LF					1270						1270	
702610	PORTABLE CHANGEABLE MESSAGE SIGN	EA							2				2	
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS							1				1	
704700	HOT THERMOPLASTIC PAVEMENT STRIPE 4"	LF					31800						31800	
704700	HOT THERMOPLASTIC PAVEMENT STRIPE 6"	LF					31200						31200	
704715	HOT THERMOPLASTIC THRU/RIGHT ARROW	EA					6						6	
704717	HOT THERMOPLASTIC RIGHT ARROW	EA					5						5	
704718	HOT THERMOPLASTIC LEFT ARROW	EA					21						21	
704719	HOT THERMOPLASTIC THRU ARROW	EA					4						4	
704720	HOT THERMOPLASTIC WORD (ONLY)	EA					16						16	
704728	HOT THERMOPLASTIC YIELD LINE	LF					60						60	
704732	HOT THERMOPLASTIC BIKE SYMBOL	EA					40						40	
7047XX	HOT THERMOPLASTIC PED SYMBOL	EA					37						37	
720050	PERMANENT VEHICULAR IMPACT ATTENUATOR UNIT	EA	1										1	
721000	REMOVAL OF PAVEMENT STRIPE	LF	35000										35000	
721101	REMOVAL OF PAVEMENT MARKING	EA	6										6	
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS							LS				LS	

EMAIL: email

PHONE: phone

DESIGNED BY: designer



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REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

SUMMARY OF QUANTITIES

GENERAL NOTES

1.

**R-VALUE:** THE MINIMUM R-VALUE FOR THIS PROJECT IS 50. ANY SUBGRADE THAT DOES NOT MEET THE MINIMUM R-VALUE REQUIREMENTS SHALL BE REPLACED AT THE CONSTRUCTION PROJECT MANAGER'S DISCRETION.
2.

**PAVEMENT DROP - OFF GUIDELINES:** IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE DEPARTMENTS CURRENT "DROP-OFF GUIDELINES" (ADMINISTRATIVE DIRECTIVE 241, DATED 08/01/2010). THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. THE CONTRACTOR MAY OBTAIN A COPY OF THE DROP-OFF GUIDELINES FROM THE PROJECT MANAGER OR BY VISITING [www.dot.state.nm.us](http://www.dot.state.nm.us).
3.

**MATERIAL PITS:** NO MATERIAL PITS HAVE BEEN DESIGNATED FOR USE ON THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE. SECTION 106, "CONTROL OF MATERIALS" OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2014 EDITION SHALL GOVERN ALL MATERIAL PIT ACTION. AGGREGATE PRODUCED FROM A TODILTO LIMESTONE FORMATION ARE PROHIBITED FROM USE IN HMA, OGFC, OR ANY MIX WHICH INCORPORATES ASPHALT MATERIALS. RAP PRODUCED WITH MILLINGS FROM AN APPROVED SOURCE MAY BE ALLOWED UP TO 15% OF THE MIX ON THIS PROJECT. SEE NOTICE TO CONTRACTORS FOR MATERIAL SOURCES IN LAGUNA.
4.

**CONSTRUCTION SIGNING:** ALL CONSTRUCTION SIGNING AND DEVICES FOR THIS PROJECT SHALL BE FLUORESCENT ORANGE AND MEET OR EXCEED TYPE VIII SHEETING. IN ADDITION, ANY CONSTRUCTION SIGNING LEFT IN PLACE FOR MORE THAN 3 DAYS SHALL BE MOUNTED ON POSTS OR AT THE DISCRETION OF THE PROJECT MANAGER.
5.

**CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE:** THE CONTRACTOR SHALL NOT STORE EQUIPMENT WITHIN 30 FEET OF THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
6.

**PROTECTION OF CRASH SITE MEMORIALS ("DESCANSOS"):** FOR DESCANSOS LOCATED ALONG THE HIGHWAY WITHIN THE PROPOSED PROJECT LIMITS, THE CONTRACTOR SHALL DOCUMENT AND PHOTOGRAPH ALL DESCANSOS WITHIN THE PROJECT LIMITS. SIGNS SHALL BE INSTALLED AT THE BEGINNING OF PROJECT AND END OF PROJECT TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION NOTIFYING FAMILIES THAT THEY HAVE THE OPTION TO REMOVE THE DESCANSOS. THE CONTRACTOR SHALL ALSO CONTACT LOCAL NEWSPAPER AND RADIO TWO (2) WEEKS PRIOR THE BEGINNING OF CONSTRUCTION NOTIFYING FAMILIES THAT THEY HAVE THE OPTION TO REMOVE THE DESCANSOS. DESCANSOS REMAINING AFTER THE TWO (2) WEEK PERIOD AND AT THE COMMENCEMENT OF CONSTRUCTION SHALL BE REMOVED FROM CONSTRUCTION ZONE AND REPOSITIONED ALONG THE RIGHT-OF-WAY DIRECTLY ADJACENT TO THEIR ORIGINAL LOCATION. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SEE THAT ANY AND ALL DESCANSOS WITHIN THE PROJECT LIMITS ARE NOT ADVERSELY IMPACTED DURING CONSTRUCTION ACTIVITIES. THIS WORK WILL BE CONSIDERED, AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

GENERAL NOTES (CONTINUED)

7.

**STATION MARKERS:** THE CONTRACTOR SHALL PLACE A SHOP MADE STATION MARKERS IN COMPLIANCE WITH SECTION 801.3.7.12 OF THE SPECIFICATIONS AT EVERY 500 FEET AND AT EVERY EQUATION. THE MARKER SHALL BE 1" X 5" X 14" BLACK ON WHITE WITH 3" HIGH STENCILED NUMBERS. IN ADDITION THE MARKER SHALL HAVE TWO (2) HOLES DRILLED FOR MOUNTING AND SHALL BE TIED WITH WIRE ON THE FENCE OR MOUNTED ON AN APPROPRIATE SHOP MADE POST APPROXIMATELY 4' ABOVE THE GROUND. A FIELD MARKER SHALL BE PLACED EVERY 100 FEET. STATION MARKERS SHALL BE RESET ON NEW FENCE AS NECESSARY. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE "CONSTRUCTION STAKING BY CONTRACTOR" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
8.

**SALVAGEABLE MATERIALS:** ALL SALVAGEABLE MATERIAL REMOVED FROM THE PROJECT SHALL REMAIN THE PROPERTY OF THE CONTRACTOR. CONTRACTOR SHALL DISPOSE OF ALL SALVAGEABLE MATERIAL IN ACCORDANCE WITH SECTION 107 OF THE STANDARD SPECIFICATIONS.
9.

**TRAFFIC CONTROL PLAN:** THE TRAFFIC CONTROL PLAN INCORPORATED WITHIN THIS PLAN SET IDENTIFIES SUGGESTED SEQUENCE OF CONSTRUCTION, PHASING, TRAFFIC CONTROL ITEM PLACEMENT, AND QUANTITIES. CONTRACTOR SHALL NOTIFY, THROUGH THE PROJECT MANAGER, THE DISTRICT TRAFFIC ENGINEER OF THE FOLLOWING:

A.

THE CONTRACTOR ACCEPTS FOR ITS OWN AND INTENDS TO FULLY UTILIZE THE PROVIDED TRAFFIC CONTROL PLAN, PHASING, TRAFFIC CONTROL ITEM PLACEMENT, AND QUANTITIES. IN SUCH CASE THE CONTRACTOR SHALL SUBMIT, THROUGH THE PROJECT MANAGER, TO THE DISTRICT TRAFFIC ENGINEER A TRAFFIC CONTROL PLAN ACCEPTANCE LETTER STAMPED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN NEW MEXICO STATING THE INTENT TO UTILIZE AND BE FULLY LIABLE FOR THE PROVIDED TRAFFIC CONTROL PLAN INCLUDING PHASING, TRAFFIC CONTROL ITEM PLACEMENT, AND QUANTITIES.

B.

IF THE CONTRACTOR PREFERENCES TO MODIFY THE SEQUENCE, PHASING, AND/OR TRAFFIC CONTROL PLAN THE CONTRACTOR SHALL SUBMIT AN ALTERNATE TRAFFIC CONTROL PLAN (TCP) TO THE PROJECT MANAGER FOR SUBMITTAL TO THE DISTRICT SIX TRAFFIC ENGINEER FOR REVIEW AND APPROVAL. THE PLAN SHALL BE SUBMITTED AT LEAST TEN (10) WORKING DAYS PRIOR TO THE PRECONSTRUCTION CONFERENCE AND/OR BEFORE THE REQUESTED CHANGES SHALL TAKE PLACE. THE PLAN SHALL BE SUBMITTED ON 11" X 17" SHEETS. NO HAND DRAFTED TRAFFIC CONTROL PLANS WILL BE ACCEPTED. THE CONTRACTORS PROPOSED, ALTERNATE PLAN SHALL BE REVIEWED, APPROVED, AND SEALED/STAMPED BY A NEW MEXICO REGISTERED PROFESSIONAL ENGINEER BEFORE IT IS SUBMITTED TO THE NMDOT. NO PROJECT CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL APPROVAL OF THE TCP HAS BEEN RECEIVED BY THE CONTRACTOR. THE NMDOT'S DISTRICT TRAFFIC SECTION RESERVES THE RIGHT TO MAKE CHANGES TO THE CONTRACTOR'S TRAFFIC CONTROL PLAN TO ADDRESS SITE SPECIFIC ITEMS THAT WERE NOT SHOWN ON THE PLANS. THE NMDOT ALSO RESERVES THE RIGHT TO ADD DEVICES AND/OR SIGNS TO THE APPROVED PLAN IF IT IS DETERMINED BY THE DISTRICT TRAFFIC ENGINEER THAT THE SIGNS AND/OR DEVICES WOULD BE REQUIRED TO ADDRESS SAFETY CONCERNS WITHIN OR IN ADVANCE OF THE WORK ZONE. ANY CHANGES TO THE PLANS WHICH RESULTS IN ADDITIONAL SIGNS AND/OR DEVICES WILL BE CONSIDERED INCIDENTAL TO ITEM 702810, TRAFFIC CONTROL DEVICES FOR CONSTRUCTION.

10.

**PUBLIC INFORMATION MEETING:** THE CONTRACTOR SHALL COORDINATE AND CONDUCT A MEETING WITH ALL INTERESTED MEMBERS OF THE PUBLIC AND THE PUEBLO OF LAGUNA AGENCIES AND RESIDENTS ONE WEEK PRIOR TO ANY CONSTRUCTION THAT INTERFERES WITH TRAFFIC. THE NMDOT, DISTRICT 6 PUBLIC INFORMATION OFFICER, MS. DELANE BAROS (505)285-3244, SHALL ALSO BE NOTIFIED OF THIS MEETING.AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.
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- REVISIONS (OR CHANGE NOTICES)
- NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET
- GENERAL NOTES
- EMAIL: email
- PHONE: phone
- DESIGNED BY: designer
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- P:\20130378\TRANS\Design\Plan Production\Plans\Road Diet\20130378-RDGN.dwg Nov 19, 2014 - 1:35pm
- DRAWING SCALE: 1: scale
- DESIGNED BY: Behannan Huston
- NEW MEXICO PROJECT NO. XXXXXXX
- SHEET NO. 1 - 6

GENERAL NOTES (CONTINUED)

11. **PROTECTION OF SURVEY MONUMENTS:** THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS (BENCHMARK) FROM DAMAGE PRIOR TO INITIATING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A BENCHMARK, THE CONTRACTOR SHALL ESTABLISH A NEW BENCHMARK IN COMPLIANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE "GEODETIC MARK PRESERVATION GUIDEBOOK", NATIONAL GEODETIC SURVEY, MARCH, 1990, CONTACT: NGS MARK PRESERVATION CENTER – NOAA, TELEPHONE: (505)768-3606.
12. **TEMPORARY STRIPING:** ONLY HIGH DURABLE PAINT WILL BE USED ON THIS PROJECT.
13. **PORTABLE CHANGEABLE MESSAGE SIGNS:** THE CONTRACTOR SHALL SUPPLY TWO (2) LIKE NEW CHANGEABLE MESSAGE SIGNS (ITEM 702610) THAT ARE EQUIPPED WITH WIRELESS REMOTE ACCESS COMMUNICATIONS. BOTH SHALL BE PLACED AT THE DISCRETION OF NMDOT DISTRICT 6. UPON COMPLETION OF THE PROJECT, THE SIGNS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
14. **VEHICLE DAMAGE CLAIMS:** THE CONTRACTOR SHALL TAKE ACTION TOWARDS ALL CLAIMS OF VEHICLE DAMAGE IN THE CONSTRUCTION ZONE CAUSED BY CONSTRUCTION WITHIN 24 HOURS OF NOTIFICATION. A LIST SHALL BE MAINTAINED BY THE CONTRACTOR CONSISTING OF WHAT THE CLAIM IS, WHEN THE INCIDENT HAPPENED, WHO MADE THE CLAIM, AND ITS STATUS OR DISPOSITION. THE LIST SHALL BE SUBMITTED TO THE NEW MEXICO DEPARTMENT OF TRANSPORTATION LOSS CONTROL SPECIALIST, VIA THE PROJECT MANAGER, BY THE FIRST DAY OF EACH MONTH FOR REVIEW.
15. **ACCESS BREAKS:** NO ACCESS BREAKS OF THE ROW FENCE WILL BE ALLOWED FOR THIS PROJECT.
16. **HOT MIX ASPHALT (HMA) MAT DENSITY CORE SPECIMENS:** THE CONTRACTOR SHALL CORE DRILL AND PREPARE THE AGENCY MAT DENSITY CORE SPECIMENS. THE REQUIRED FREQUENCY FOR OBTAINING THE AGENCY CORE SPECIMENS WILL BE THE GREATER OF ONE (1) PER 1,000 TONS OR DAILY. THE CONTRACTOR SHALL DELIVER THE CORES TO THE FIELD LAB. THE WORK SHALL BE INCIDENTAL TO ITEM 416000 MINOR PAVING, AND NO ADDITIONAL MEASUREMENTS OR PAYMENT SHALL BE MADE.
17. **SURVEY CONTROL:** FOR THIS PROJECT, THE BHI SURVEY GROUP ESTABLISHED PROJECT CONTROL FOR THE NM 124 CORRIDOR. CONTROL POINTS USED FOR THIS PROJECT ARE SHOWN ON SHEET 3-0. THE CONTROL POINTS ARE IN NEW MEXICO STATE PLANE COORDINATES, WEST ZONE, NAD 83, NAVD 88, GEOID MODEL 09. PROJECT COORDINATES ARE MODIFIED USING A COMBINED FACTOR OF 1.0003380740. SCALING IS ABOUT 0.0.

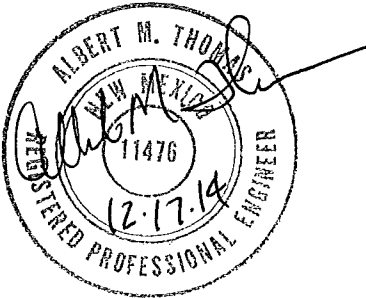
LIST OF INCIDENTALS

1. NOTE 2: PAVEMENT DROP-OFF MEASURES
2. NOTE 5: CONSTRUCTION EQUIPMENT & MATERIAL STORAGE
3. NOTE 6: PROTECTION OF CRASH SITE MEMORIALS
4. NOTE 7: STATION MARKERS
5. NOTE 9: TRAFFIC CONTROL PLAN
6. NOTE 10: PUBLIC NOTIFICATION OF LANE CLOSURES
7. NOTE 11: PROTECTION OF SURVEY MONUMENTS
8. NOTE 16: TESTING

EMAIL: email

PHONE: phone

DESIGNED BY: designer



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
GENERAL NOTES			

ENVIRONMENTAL REQUIREMENTS

☐

NO ADDITIONAL PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY.

☒

IN ADDITION TO SECTION 107, THE FOLLOWING PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY:

THE CONTRACTOR SHALL REFER TO SECTION 107 OF THE STANDARD SPECIFICATION, MAKING SPECIAL NOTE OF SUB-SECTION 107.14: CONTRACTORS RESPONSIBILITIES FOR ENVIRONMENTAL AND CULTURAL RESOURCE APPROVAL.

1. IF PREVIOUSLY UNDOCUMENTED HISTORIC PROPERTIES ARE DISCOVERED DURING CONSTRUCTION, ALL SURFACE-DISTURBING ACTIVITIES WITHIN 100 FEET OF THE DISCOVERY SHALL IMMEDIATELY CEASE AND MEASURES SHALL BE TAKEN TO PROTECT THE CULTURAL RESOURCES. THE FHWA/NMDOT SHALL NOTIFY THE BIA, THE SHPO, AND THE PUEBLO OF LAGUNA WITHIN 24 HOURS.

IF THE FHWA/NMDOT, IN CONSULTATION WITH THE SHPO, DETERMINES THAT THE HISTORIC PROPERTY IS ELIGIBLE FOR INCLUSION TO THE NATIONAL REGISTER OF HISTORIC PLACES AND WARRANTS PRESERVATION OR TREATMENT, THE PROPERTY WILL BE RECORDED IN CONFORMANCE WITH THE STANDARDS FOR SURVEY ON STATE LAND (4.10.15 NMAC). IF THE PROPERTY CANNOT BE AVOIDED BY MITIGATION OR CONSTRUCTION, FHWA/NMDOT WILL CONSULT WITH THE PUEBLO OF LAGUNA AND WITH THE SHPO TO DEVELOP AND IMPLEMENT A PLAN TO MITIGATE THE EFFECTS ON THE UNDERTAKING ON THE PROPERTY.

IF UNMARKED HUMAN BURIALS ARE DISCOVERED DURING CONSTRUCTION, WORK WILL STOP IN THE IMMEDIATE VICINITY, THE REMAINS WILL BE PROTECTED FROM FURTHER DISTURBANCE, AND THE PUEBLO OF LAGUNA WILL BE IDENTIFIED IMMEDIATELY, WHO WILL CONTACT THE REGIONAL ARCHAEOLOGIST FROM THE BUREAU OF INDIAN AFFAIRS SOUTHWEST REGIONAL OFFICE. IF THE REMAINS ARE RECENT, THE REGIONAL ARCHAEOLOGIST FROM THE BUREAU OF INDIAN AFFAIRS SOUTHWEST REGIONAL OFFICE WILL CONTACT THE OFFICE OF THE MEDICAL INVESTIGATOR (OMI). IF THE REGIONAL ARCHAEOLOGIST FROM THE BUREAU OF INDIAN AFFAIRS SOUTHWEST REGIONAL OFFICE DETERMINES THAT THE REMAINS ARE WITHOUT MEDICO-LEGAL SIGNIFICANCE, THEY WILL DETERMINE THE STEPS TO BE TAKEN TO PROTECT OR REMOVE THE REMAINS IN ACCORDANCE WITH PART 4.10.11 NMAC. THE FHWA/NMDOT AND THE SHPO SHALL BE INFORMED OF THE DISCOVERY CONCURRENTLY WITH BIA.

2. AVOID REMOVING TREES DURING THE MIGRATORY BIRD NESTING SEASON (MARCH 1 - SEPTEMBER 15) OR PROVIDE PRECONSTRUCTION NEST SURVEYS.
3. REQUIRE THE CONTRACTOR TO DEVELOP AND IMPLEMENT A SEDIMENT AND EROSION CONTROL PLAN TO PREVENT SURFACE WATER QUALITY IMPACTS.
4. RE-VEGETATE OPEN DISTURBED PREVIOUSLY VEGETATED SOILS ACCORDING TO THE NMDOT-APPROVED RE-VEGETATION PLAN FOR THE PROJECT.
5. BURY ANY TRENCHING OR EXCAVATION CONCURRENTLY TO REDUCE TRAPPING OF SMALL MAMMALS AND REPTILES.

ENVIRONMENTAL SECTION MANAGER

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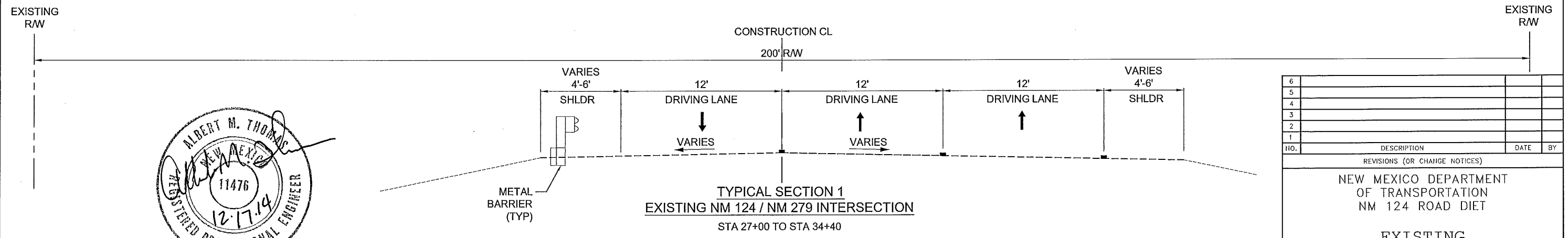
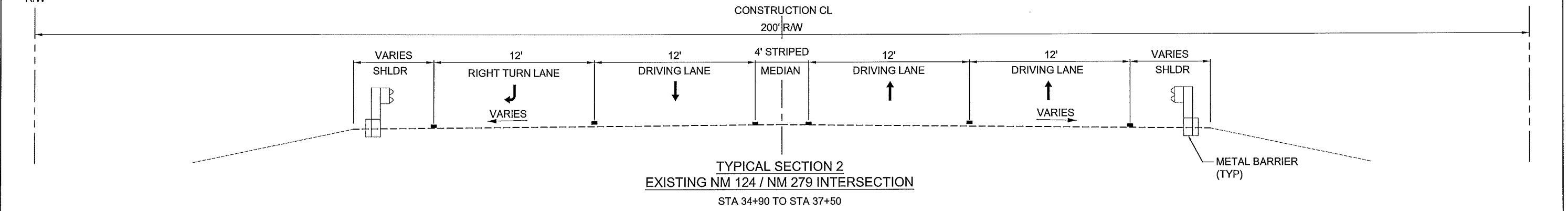
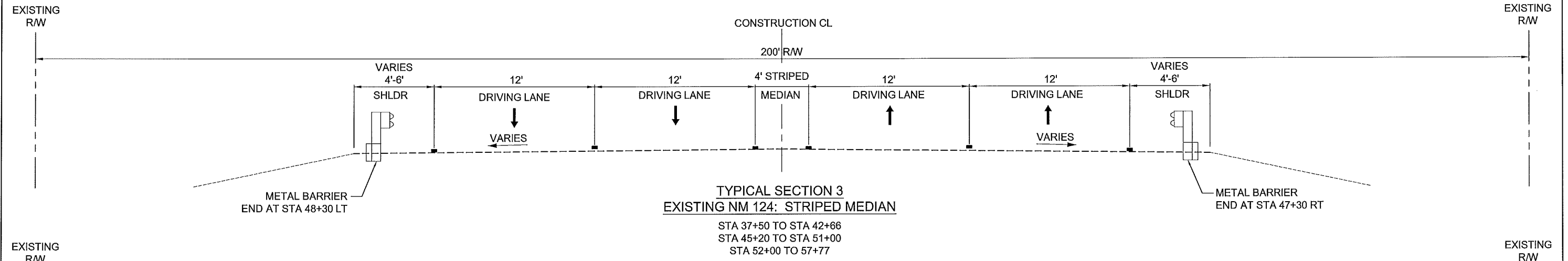
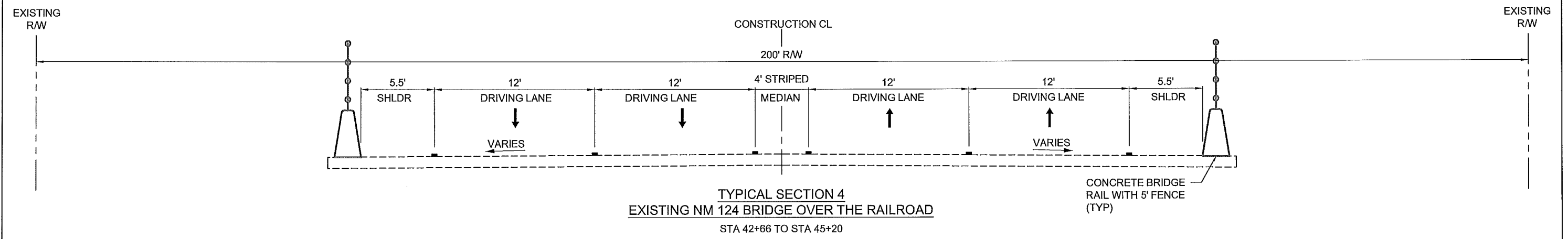
REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET  
  
ENVIRONMENTAL  
REQUIREMENTS

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DESIGNED BY: designer



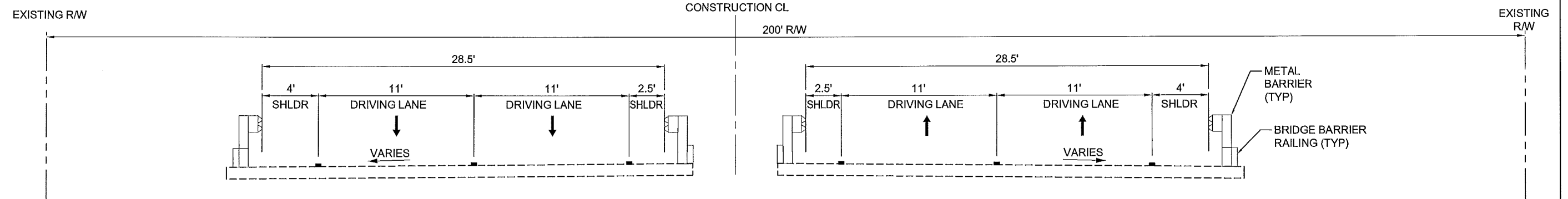
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NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
EXISTING TYPICAL SECTIONS			

DESIGNED BY: designer

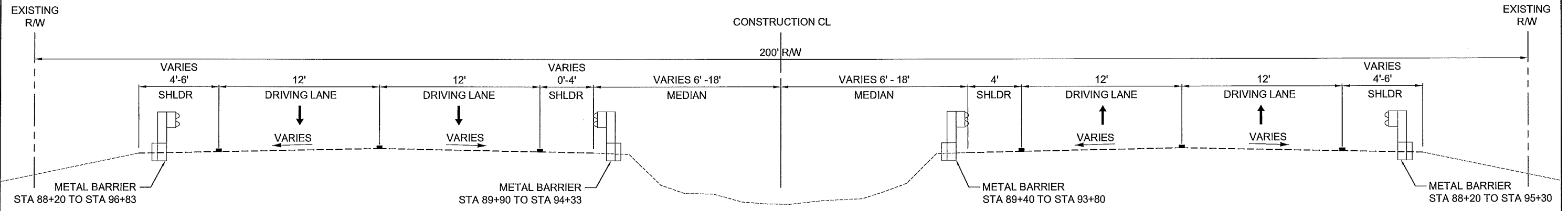
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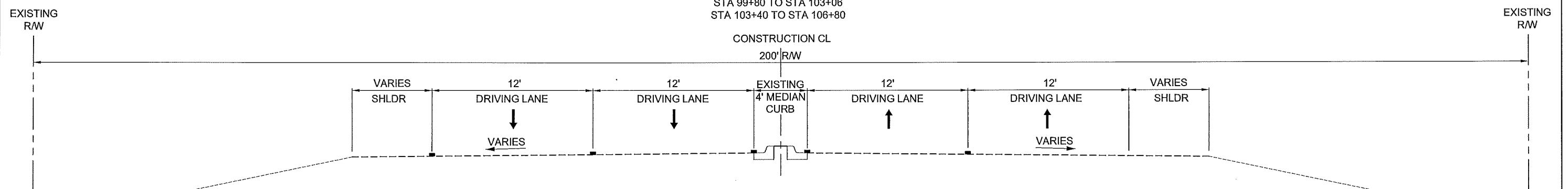




**TYPICAL SECTION 7**  
**EXISTING NM 124 BRIDGE OVER THE RIO SAN JOSE**  
STA 91+08 TO STA 92+65



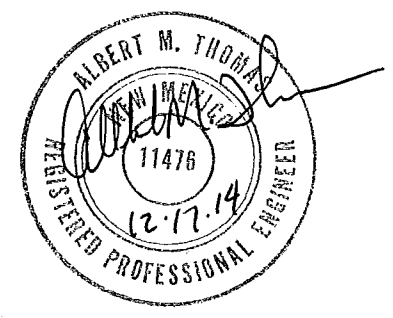
**TYPICAL SECTION 6**  
**EXISTING NM 124: DIVIDED HIGHWAY**  
STA 77+66 TO STA 85+60  
STA 86+43 TO STA 91+08  
STA 92+65 TO STA 99+60  
STA 99+80 TO STA 103+06  
STA 103+40 TO STA 106+80



**TYPICAL SECTION 5**  
**EXISTING NM 124: CURBED MEDIAN**  
STA 57+77 TO STA 77+66

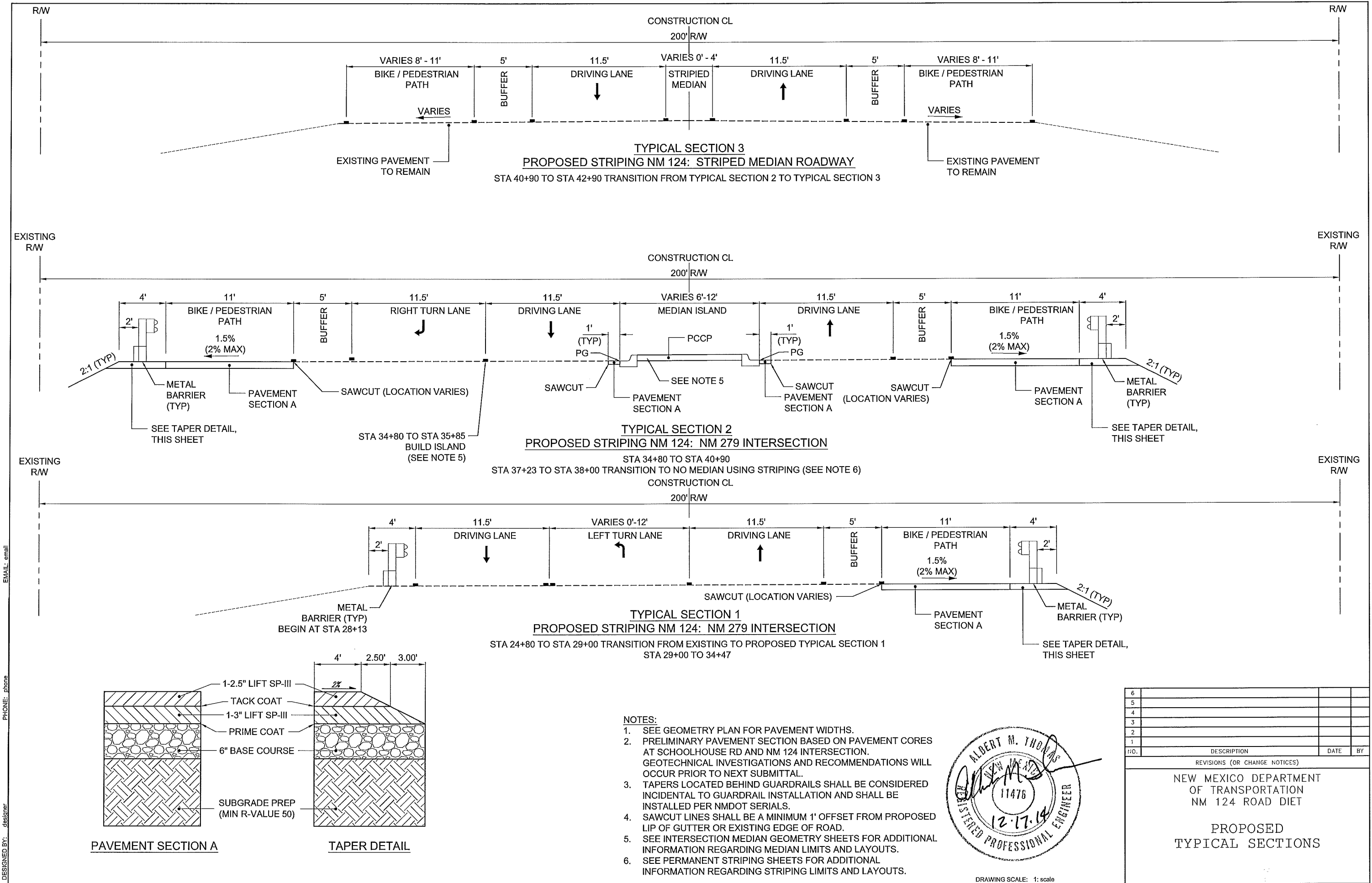
LENGTH OF PROJECT					
STATION	TO	STATION	LENGTH FT	LENGTH MILES	LOCATION
24+80.00		106+80.00	8200.00	1.553	NM 124
TOTAL			8200.00	1.553	

DESIGN SPEED					
NM 124 ROAD DIET					
enmax=6%					
NM 124 DESIGN SPEED 65 MPH					
AADT	2013	5115	AADT	2033	8250
PHV	511		PHV		825
% HEAVY COMMERCIAL		10.0%	% HEAVY COMMERCIAL		10.0%

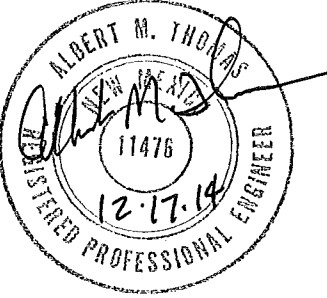


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NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
EXISTING TYPICAL SECTIONS			

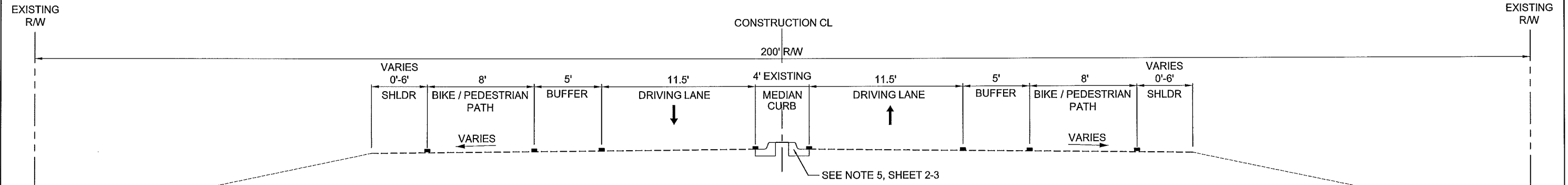
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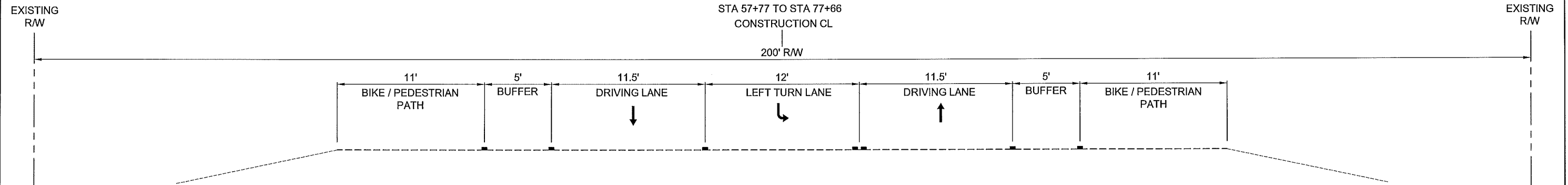


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NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
PROPOSED TYPICAL SECTIONS			



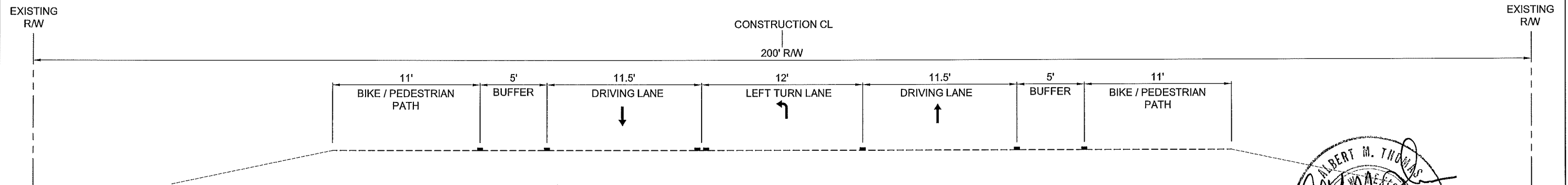
TYPICAL SECTION 7  
PROPOSED STRIPING NM 124: CURBED MEDIAN

STA 57+77 TO STA 77+66  
CONSTRUCTION CL



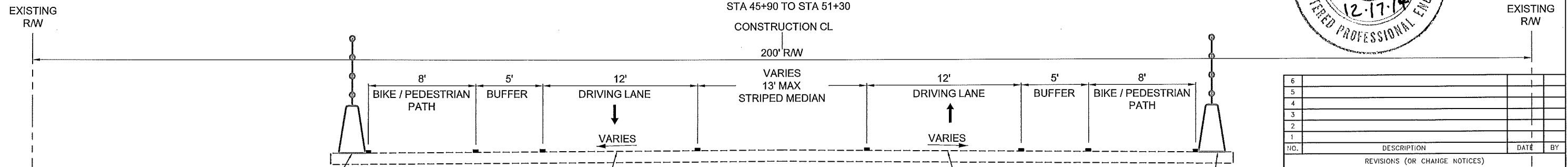
TYPICAL SECTION 6  
PROPOSED STRIPING NM 124: OLD ROUTE 66 ROAD INTERSECTION

STA 51+88 TO STA 57+40



TYPICAL SECTION 5  
PROPOSED STRIPING NM 124: OLD ROUTE 66 ROAD INTERSECTION

STA 43+77 TO STA 45+90 TRANSITION FROM TYPICAL SECTION 4 TO TYPICAL SECTION 5  
STA 45+90 TO STA 51+30



TYPICAL SECTION 4  
PROPOSED NM 124 BRIDGE OVER BNSF RAILROAD

STA 40+90 TO STA 43+00 TRANSITION FROM PROPOSED TYPICAL SECTION 3 TO TYPICAL SECTION 4  
STA 43+00 TO STA 43+77



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REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

PROPOSED  
TYPICAL SECTIONS

DRAWING SCALE: 1" = 40'

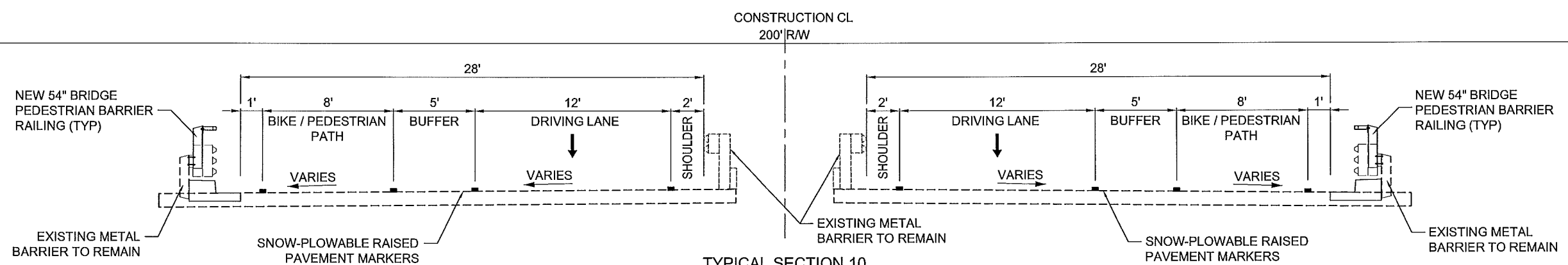
DESIGNED BY: Bohannan Huston

NEW MEXICO PROJECT NO. XXXXXXXX

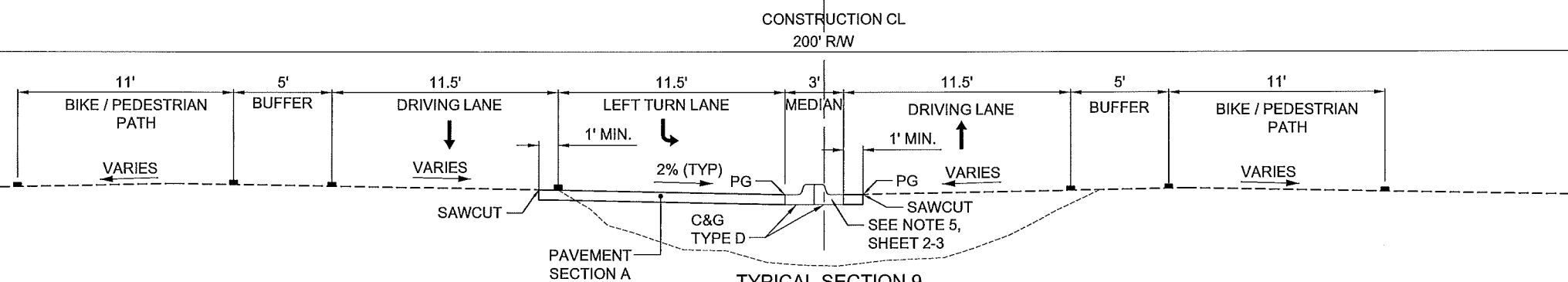
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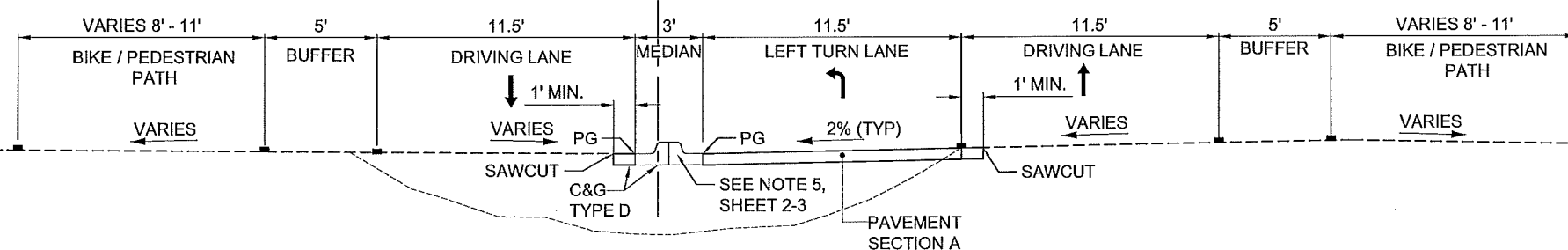
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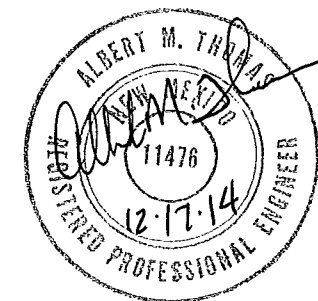
TYPICAL SECTION 10  
PROPOSED NM 124 BRIDGE OVER RIO SAN JOSE  
STA 91+08 TO STA 92+65



TYPICAL SECTION 9  
PROPOSED STRIPING NM 124: RIO SAN JOSE ROAD INTERSECTION  
STA 87+00 TO STA 89+65  
STA 89+00 TO STA 91+08 TRANSITION TO PROPOSED TYPICAL SECTION 10 (NO MEDIAN C&G)



TYPICAL SECTION 8  
PROPOSED STRIPING NM 124: RIO SAN JOSE ROAD INTERSECTION  
STA 80+00 TO STA 85+50



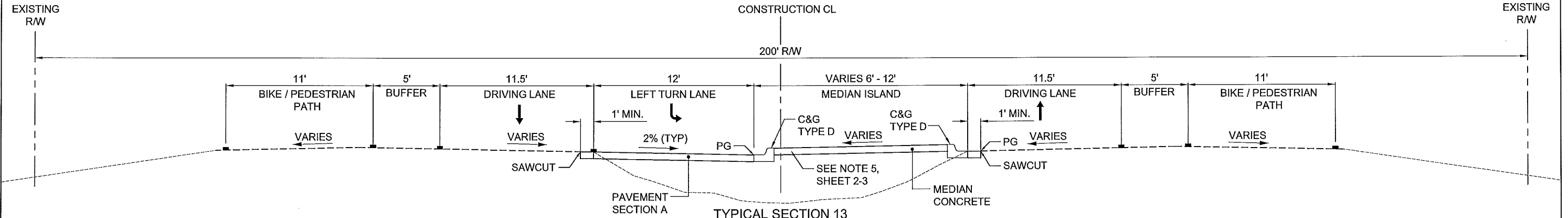
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NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
PROPOSED TYPICAL SECTIONS			

DRAWING SCALE: 1" = 40'

DESIGNED BY: Bohannon Huston

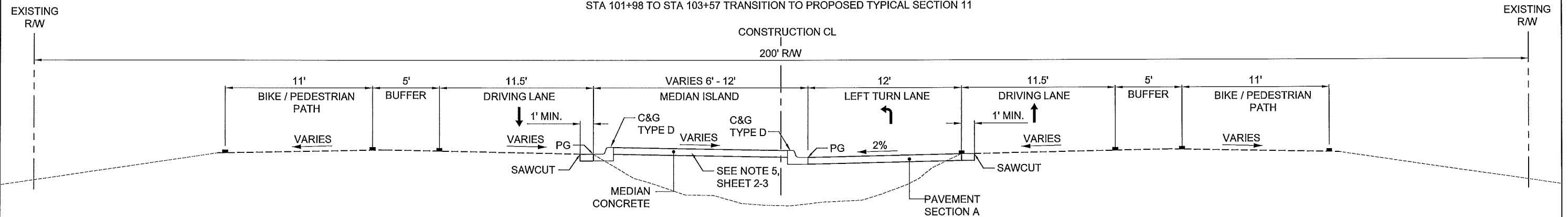
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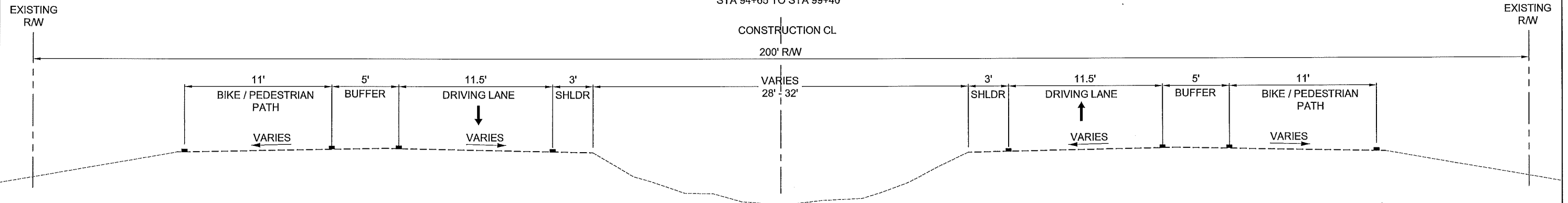
**TYPICAL SECTION 13**  
**PROPOSED STRIPING NM 124: SANDY HILL ROAD INTERSECTION**

STA 99+95 TO STA 101+98  
STA 101+98 TO STA 103+57 TRANSITION TO PROPOSED TYPICAL SECTION 11



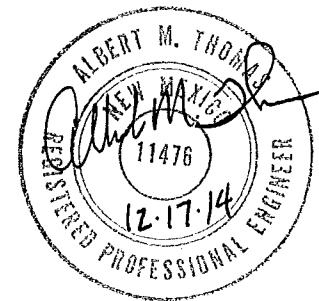
**TYPICAL SECTION 12**  
**PROPOSED STRIPING NM 124: SANDY HILL ROAD INTERSECTION**

STA 94+65 TO STA 99+40



**TYPICAL SECTION 11**  
**PROPOSED STRIPING NM 124: DIVIDED HIGHWAY**

STA 92+65 TO STA 94+65 TRANSITION TO PROPOSED TYPICAL SECTION 12  
STA 103+73 TO STA 106+80



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REVISIONS (OR CHANGE NOTICES)  
NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

PROPOSED  
TYPICAL SECTIONS

DRAWING SCALE: 1" = 40'



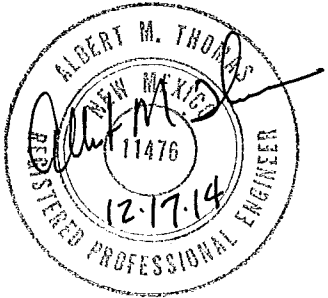
SURFACING SCHEDULE

					207000 SUBGRADE PREPARATION	304000 BASE COURSE 6"			416000 MINOR PAVEMENT 5.5" (2 LIFTS)	** 70-22 PG ASPHALT MATERIAL	* HYDR LIME	407000 ASPHALT MATERIAL FOR TACK COAT		408100 PRIME COAT MATERIAL	
LOC	DESCRIPTION	STATION	TO	STATION	SQ YD	SQ YD	** TONS	SQ YD	* TONS	* TONS	* TONS	AREA	TONS	AREA	TONS
NORTHBOUND LANES - MAINLINE															
RT	NM 124 SOUTHERN PED PATH AT NM 279	29+50.00	"	38+00.00	1061.20	1061.20	349.35	1061.20	332.37	17.95	3.32	1061.20	0.71	1061.20	3.98
LT	NM 279 SB RT-TURN ONTO NM 124	32+20.00	"	34+50.00	113.60	113.60	37.40	113.60	35.58	1.92	0.36	113.60	0.08	113.60	0.43
LT	NM 124 NORTHERN PED PATH/RT-TURN LANE AT NM 279	35+00.00	"	42+60.00	1163.80	1163.80	383.12	1163.80	364.50	19.68	3.65	1163.80	0.78	1163.80	4.36
LT	NM 124 NORTHERN PED PATH AT OLD ROUTE 66	49+20.00	"	52+20.00	241.70	241.70	79.57	241.70	75.70	4.09	0.76	241.70	0.16	241.70	0.91
CL	NM 124 MEDIAN AND LEFT TURN BAY AT RIO SAN JOSE BLVD	78+10.00	"	91+00.00	3088.70	3088.70	1016.80	3088.70	967.38	52.24	9.67	3088.70	2.06	3088.70	11.58
CL	NM 124 MEDIAN AND LEFT TURN BAY AT RIO SAN JOSE BLVD	92+60.00	"	103+80.00	2617.30	2617.30	861.62	2617.30	819.74	44.27	8.20	2617.30	1.74	2617.30	9.81
LT/RT	PED LANDINGS (6 TOTAL)	77+60.00		81+60.00	33.33	33.33	1.83	33.33	1.74	0.09	0.02	33.33	0.02	33.33	0.12
TOTAL					8319.63	8319.63	2729.68	8319.63	2597.01	140.24	26.97		5.55		31.20
USE					8320	8320	2730	8320	2600	140.5	26.0		6.0		31.5

\* FOR CONTRACTOR'S INFORMATION ONLY.  
\*\* CONSIDERED INCIDENTAL TO MINOR PAVEMENT.

ESTIMATED SURFACING FACTORS

ITEM	PERFORMANCE GRADE ASPHALT MATERIAL			GALLONS PER TON	UNIT WT TONS/SY	HYDRATED LIME
	PG 70-22	SPEC 407	SUPP 408			
		GAL/SQ YD	GAL/SQ YD			
Base Course					0.329	
Minor Pavement	5.400%				0.313	1.000%
Asphalt Material for Tack Coat		0.080		240.000		
Prime Coat Material			0.450	240.000		



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
SURFACING SCHEDULE			

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email

ESTIMATED STRUCTURE QUANTITIES

			203000			511300	570024	602000	623000	623332	662010
			UNCLASSIFIED EXCAVATION			SUBSTRUCTURE CONCRETE CLASS A FOR SLOPE BLANKETS	24" CULVERT PIPE	RIPRAP CLASS A	MEDIAN DROP INLET TYPE I, 0' TO 3'	CURB DROP INLET TYPE II-B, OVER 4'	MANHOLE TYPE C 6' DIA, 0' TO 6' DEPTH
			INLET	OUTLET	TOTAL						
DS #	STRUCTURE	SKEW	CY	CY	CY	CY	LF	CY	EA	EA	EA
DS-11	STA 84+00										
	BUILD 1 - TYPE 1-B CURB DROP INLET(CDI-02, H=5.0')									1	
	BUILD 1 - 24" X 10' CULVERT PIPE FROM CDI-02 TO MH-02						10				
	REMOVE EXISTING INLET AND BUILD 1 - TYPE C 6' DIA MANHOLE (MH-02, H=5.2')										1
DS-12	STA 99+60 RT										
	BUILD 2 - 24" X 88' CULVERT PIPES						176				
	BUILD SLOPE BLANKET LT & RT (SAFETY GRATE NOT REQUIRED)					10					
	BUILD 13' X 10' EROSION CONTROL PAD LT							4.8			
	BUILD 13' X 13' EROSION CONTROL PAD RT							6.3			
DS - 13	STA 99+80 LT										
	BUILD 1 - 24" X 86' CULVERT PIPE						86				
	BUILD SLOPE BLANKET LT & RT (SAFETY GRATE NOT REQUIRED)					4					
	BUILD 10' X 10' EROSION CONTROL PAD LT & RT							7.4			
DS - 14	STA 100+20 RT										
	BUILD 1 MEDIAN DROP INLET, TYPE I (MDI-03, H=2.3') LT								1		
	BUILD 1 - 24" X 50' CULVERT PIPE						50				
	BUILD SLOPE BLANKET RT (SAFETY GRATE NOT REQUIRED)					2					
	CONNECT TO EROSION CONTROL PAD FROM DS-12							6.3			
TOTAL					0	16	322	24.8	1	1	1
USE					0	16	330	25	1	1	1



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET  ESTIMATED STRUCTURE QUANTITIES			

EMAIL: email

PHONE: phone

DESIGNED BY: designer

EARTHWORK SUMMARY

STATION	TO	STATION	LOC	203000	203200	EMBANKMENT	SHRINK (ASSUME 20%)	203100	EXCESS	REMARKS
				UNCLASSIFIED EXCAVATION	SUB- EXCAVATION			BORROW		
				CU YD	CU YD			CU YD		
29+50.00		38+10.00	RT	0		1518	304	1822		SOUTH PED PATH AT NM 279
32+20.00		34+50.00	LT	0		29	6	35		NM 279 RT-TURN LANE ONTO WB NM 124
35+00.00		42+60.00	LT	0		2221	444	2665		NORTH PED PATH/RT-TURN LANE AT NM 279
49+20.00		52+20.00	LT	2		6	1	5		NORTH PED PATH AT TO-02 (OLD RT 66)
78+10.00		91+20.00	LT/RT	15		86	17	88		PAVING EX-MEDIAN EAST OF RSJ BRIDGE
92+60.00		103+80.00	LT/RT	11		304	61	354		PAVING EX-MEDIAN WEST OF RSJ BRIDGE
			TOTALS	28		4164	833	4969		
			USE	50				5000		

721000 - REMOVAL OF PAVEMENT STRIPE

STATION	TO	STATION	LOC	EACH	REMARKS
BOP		EOP	LT/RT	34415	
			TOTAL	34415	
			USE	35000	

721101 - REMOVAL OF PAVEMENT MARKING

STATION	TO	STATION	LOC	EACH	REMARKS
94+00.00		99+40.00	RT	6	RT TURN BAY AT SANDY HILL RD
			TOTAL	6	
			USE	6	

METAL BARRIER

LOCATION	STATION	TO	STATION	606000	606010	606050	METAL BARRIER TRANSITION TO RIGID BARRIER*	REMARKS
				W-BEAM	THRIE BEAM	METAL BARRIER END TREATMENT TL-3 END TERMINAL		
				LIN FT	LIN FT	EACH	EACH	
NM 279 SB / NM 124 WB	28+00.00	"	34+60.00	575.00		2		
SOUTH OF PEDESTRIAN PATH	29+50.00	"	42+20.00	1212.50	25	1	1	TIE TO CWB
NM 124 WB / NM 279 NB	35+00.00	"	42+60.00	750.00	25	1	1	TIE TO CWB
WEST OF RSJ BRIDGE	89+80.00	"	91+10.00	200.00	12.50		2	TIE TO METAL BRIDGE BARRIER WITH THRIE BEAM TRANSITION PIECE AND TIE TO PERMANENT VEHICLE IMPACT ATTENUATOR UNIT
EAST OF RSJ BRIDGE	92+60.00	"	93+80.00	87.50	6.25	1	1	TIE TO METAL BRIDGE BARRIER WITH THRIE BEAM TRANSITION PIECE
				2825.00	68.75	5.00	5.00	
				2825	69	5	5	

NOTE: TRANSITION PIECES FROM THE RIO SAN JOSE BRIDGE TO 31" HEIGHT METAL BARRIER SHALL BE CONSIDERED INCIDENTAL TO NEW METAL BARRIER INSTALLATION.

601000 - REMOVAL OF STRUCTURES & OBSTRUCTIONS

STATION	TO	STATION	LOC	QUANTITY	ITEM DESCRIPTION
BOP		EOP	LT/RT	1500 LF	METAL BARRIER
85+50.00		85+50.00	RT	1 EA	MDI
34+30.00		36+00.00	LT	375 LF	DELINEATORS AT NM 279

609200 - HEADER CURB

ID	STATION	TO	STATION	LOC	LF	REMARKS
HC-01	35+20.00		35+40.00	LT	15	AT CROSSWALK
HC-02	35+20.00		35+50.00	LT	21	AT CROSSWALK
				TOTAL	36	
				USE	40	

LUMP SUM

ITEM	DESCRIPTION
201000	CLEARING & GRUBBING
601000	REMOVAL OF STRUCTURES & OBSTRUCTIONS
603280	SWPPP MANAGEMENT
618000	TRAFFIC CONTROL MANAGEMENT
621000	MOBILIZATION
801000	CONSTRUCTION STAKING BY THE CONTRACTOR

601110 - REMOVAL OF SURFACING

STATION	TO	STATION	LENGTH FT	AVG WIDTH FT	SY	REMARKS
32+20.00		34+50.00	230.00	2.5	63.89	SB RT-TURN LANE
29+60.00		38+10.00	850.00	2.75	259.72	SOUTHERN PED PATH
35+00.00		42+60.00	760.00	2	168.89	NORTHERN PED PATH/RT-TURN LANE
49+20.00		52+20.00	300.00	2	66.67	NORTHERN PED PATH
78+10.00		91+00.00	1290.00	6.33	907.30	CENTERLINE
92+60.00		103+80.00	1120.00	5.6	696.89	CENTERLINE
			TOTAL		2163.36	
			USE		2170.00	

622002 - FIELD LABORATORY, TYPE II

STATION	TO	STATION	EA	REMARKS
BOP		EOP	1.00	FIELD LABORATORY, TYPE II
			TOTAL	1.00
			USE	1.00

622110 - SUPPLEMENTAL HOT-MIX ASPHALT FIELD LAB

STATION	TO	STATION	EA	REMARKS
BOP		EOP	1.00	
			TOTAL	1.00
			USE	1.00

667500 - BOLLARD

STATION	TO	STATION	EA	REMARKS
BOP		EOP	14.00	AT ROAD CROSSINGS
			TOTAL	14.00
			USE	14.00

NOTE: SEE SHEET 2-12 FOR TYPICAL LOCATIONS AT EACH INTERSECTION.

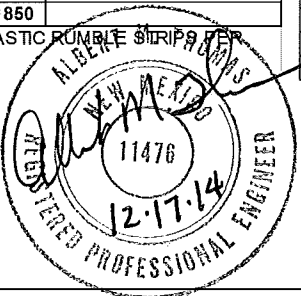
609478 - CONCRETE BARRIER CURB & GUTTER-TYPE D 6"X18"

ID	STATION	TO	STATION	LOC	LF	REMARKS
CGD-01	34+00.00		34+65.00	RT	131	NM 279 INT. SOUTH BUFFER
CGD-02	34+30.00		34+55.00	LT	56	NM 279 INT. RT TURN LANE
CGD-03	34+80.00		35+15.00	RT	53	NM 279 INT. SOUTH BUFFER
CGD-04	34+90.00		35+15.00	LT/RT	54	NM 279 INT. MEDIAN NOSE
CGD-05	34+80.00		35+20.00	LT	163	NM 279 INT. LARGE ISLAND
CGD-06	35+20.00		37+20.00	LT/RT	411	NM 279 INT. MEDIAN
CGD-07	35+05.00		35+65.00	LT	158	NM 279 INT. LARGE ISLAND
CGD-08	78+10.00		85+50.00	LT/RT	1473	NM 124 MEDIAN
CGD-09	87+00.00		89+65.00	RT	530	NM 124 MEDIAN
CGD-10	92+60.00		99+40.00	LT/RT	1035	NM 124 EB LT TURN BAY
CGD-11	99+95.00		103+80.00	LT/RT	761	NM 124 WB LT TURN BAY
			TOTAL		4825.0	
			USE		4830	

631000 - SNOW-PLOWABLE RAISED  
PAVEMENT MARKERS

STATION	TO	STATION	LOC	LF	REMARKS
42+70.00		45+25.00	LT/RT	510	BNSF RR BRIDGE
91+10.00		92+65.00	LT/RT	310	RIO SAN JOSE BRIDGE
			TOTAL	820	
			USE	860	

NOTE: CONTRACTOR SHALL APPLY PLASTIC RUMBLE STRIPS PER ENNIS FLINT, OR APPROVED EQUAL.



TURNOUTS  
(CONTRACTOR INFORMATION)

STATION	OFFSET	LOC	WIDTH	REMARKS
51+45	33'	RT	80'	TO-01 (OLD RT 66)
51+75	33'	LT	80'	TO-02 (OLD RT 66)
86+00	33'	RT	80'	TO-03 (RIO SAN JOSE RD)
86+60	33'	LT	80'	TO-04 (YELLOW HILL RD)
99+75	33'	RT	80'	TO-05 (SANDY HILL RD)
99+75	33'	LT	80'	TO-06 (SCOTT DR)

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REVISIONS (OR CHANGE NOTICES)

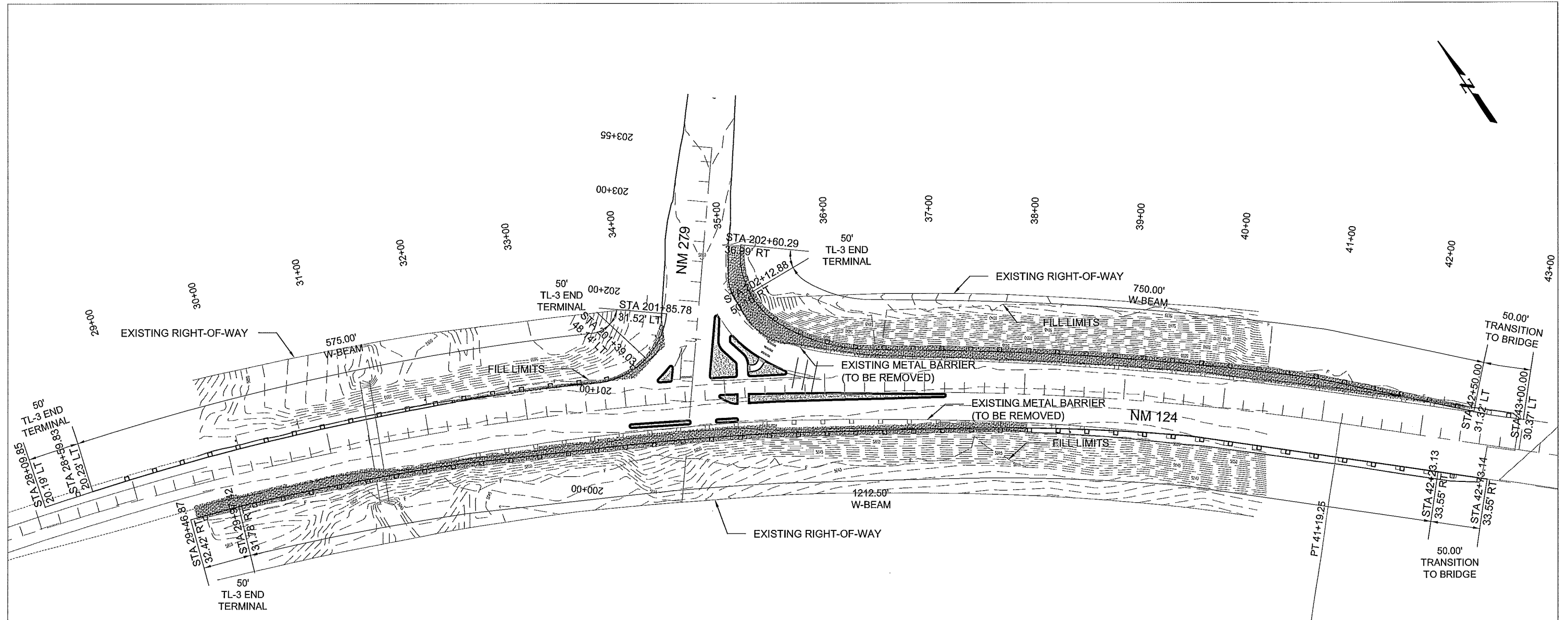
NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

MISCELLANEOUS  
QUANTITIES

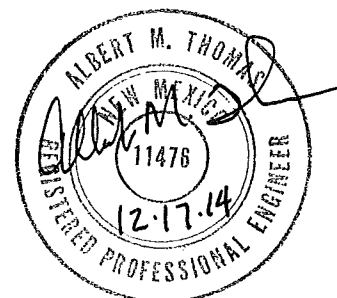
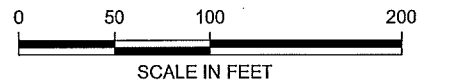
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**NOTE:**  
CONTRACTOR SHALL REMOVE AND SALVAGE ALL METAL BARRIER THAT CONFLICTS WITH NEW METAL BARRIER. CONTRACTOR SHALL VERIFY WITH PM WHETHER TO SALVAGE OR DISPOSE OF EXISTING METAL BARRIER.

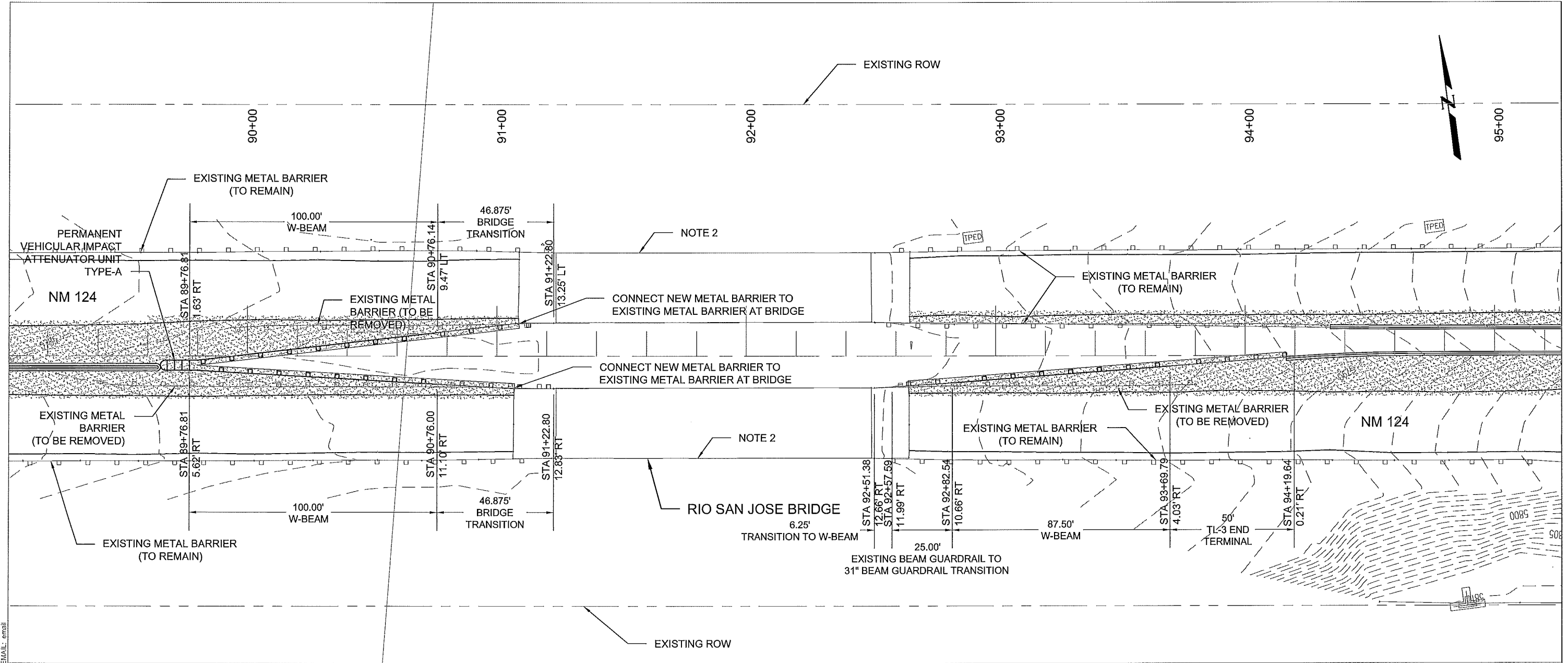


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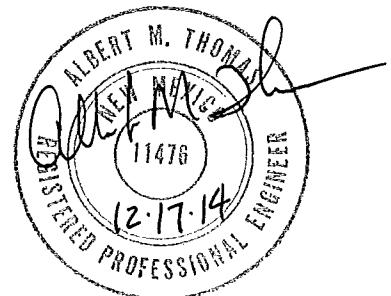
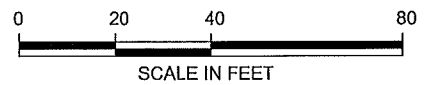
NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

METAL BARRIER  
REPLACEMENT PLAN

DRAWING SCALE: 1: scale



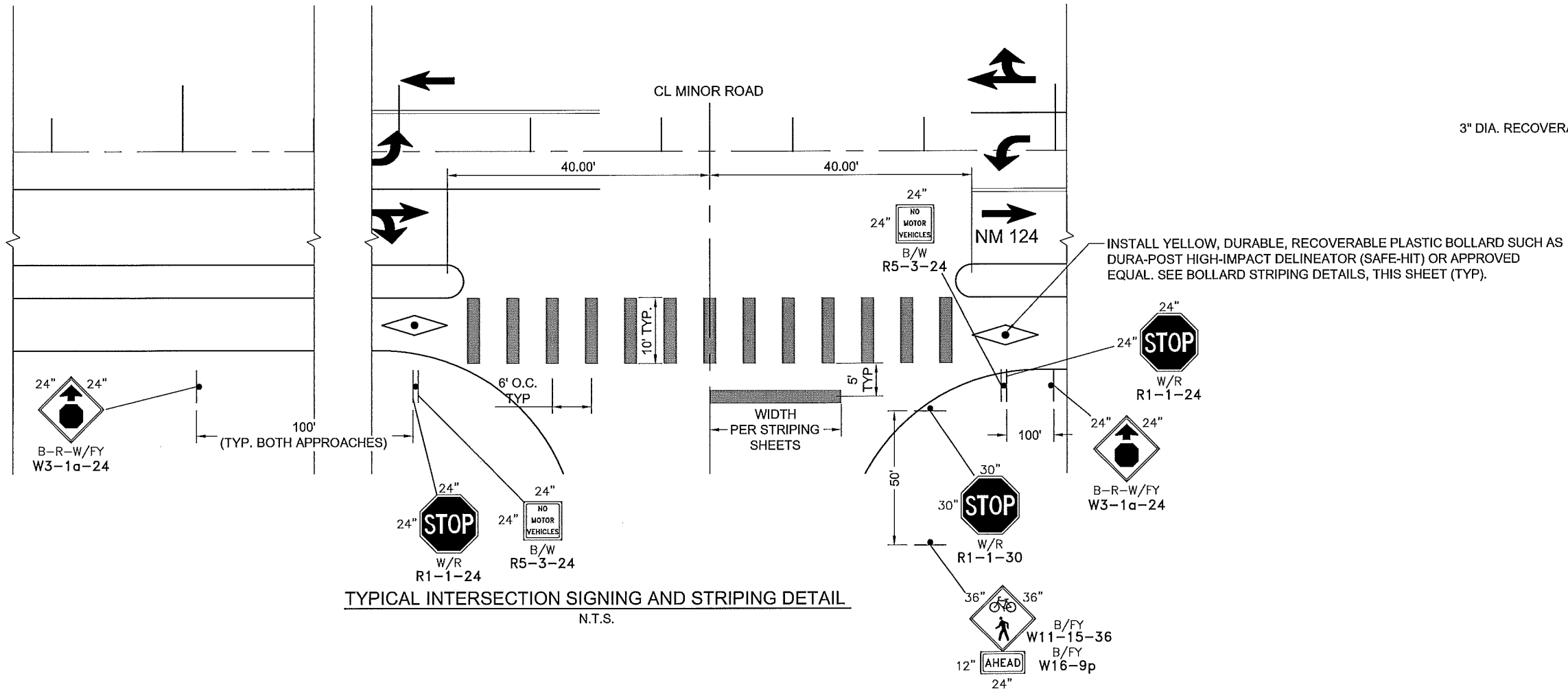
- NOTES:
1. CONNECT EXISTING METAL BARRIER TO NEW METAL BARRIER. REFER TO NMDOT STANDARD SERIALS.
  2. NEW BRIDGE BARRIER RAILING TO BE INSTALLED IN CONJUNCTION WITH EXISTING METAL BARRIER. SEE PLAN SHEET 5-1 FOR DETAILS.



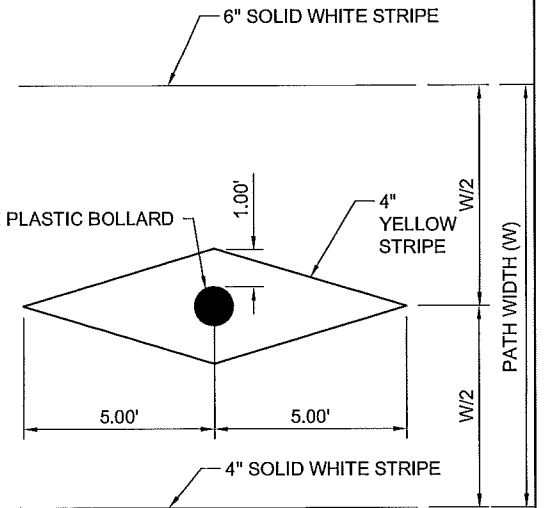
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
METAL BARRIER REPLACEMENT PLAN			

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email

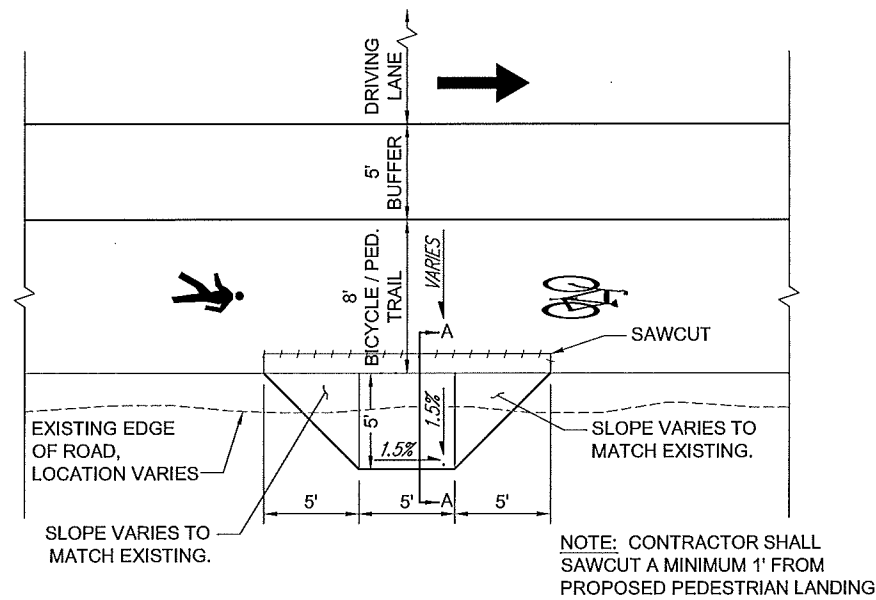




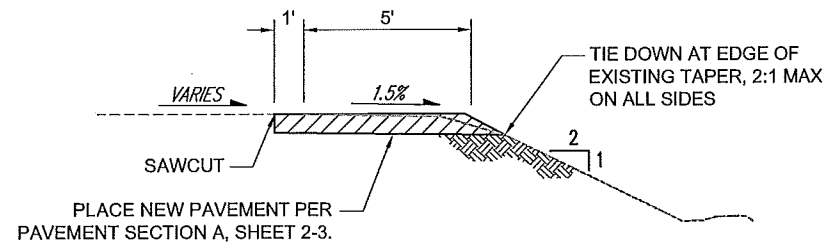
TYPICAL INTERSECTION SIGNING AND STRIPING DETAIL  
N.T.S.



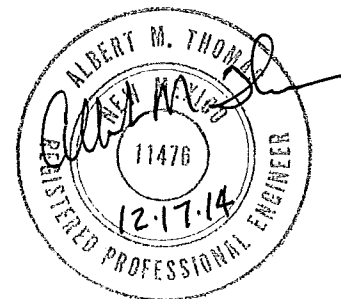
BOLLARD  
STRIPING DETAIL  
NTS



TYPICAL PEDESTRIAN LANDING DETAIL



SECTION A-A



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
MISCELLANEOUS DETAILS			

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email

NMDOT REVEGETATION/EROSION CONTROL PLAN  
CN 6100761  
NM 124 MP 23.59-24.81& MP 24.97-25.31  
CLASS 'A' and 'C' Revegetation Requirement

A. ERODIBLE SURFACE AREA

ALL REQUIREMENTS OUTLINED IN THE FEDERAL ENVIRONMENTAL PROTECTION AGENCY (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND THE NEW MEXICO CLEAN WATER ACT SHALL BE STRICTLY ADHERED TO DURING THE COURSE OF CONSTRUCTING THIS PROJECT. EXPOSED AREAS OF DISTURBANCE SHALL BE KEPT TO A MINIMUM TO PERFORM PROJECT CONSTRUCTION AND SHALL BE PROTECTED BY THE APPLICATION OF TEMPORARY SOIL STABILANT AS STATED BELOW AND ANY OTHER SEDIMENT CONTROL DEVICES REQUIRED UNTIL PERMANENT MEASURES ARE APPLIED.

B. TEMPORARY SOIL STABILANT

A TEMPORARY SOIL STABILANT SHALL BE APPLIED AT MAXIMUM MANUFACTURER-STATED RATES IMMEDIATELY TO ALL EXPOSED SOIL AREAS HAVE NOT BEEN ACTIVELY WORKED ON FOR 14 DAYS. A HYDROSEEDER SHALL BE KEPT READILY AVAILABLE ON THE PROJECT SITE TO PERFORM THIS WORK. THE SOIL STABILIZING SUBSTANCE SHALL BE M-BINDER, OR AN APPROVED EQUAL. A COLOR ADDITIVE TO ASSIST THE APPLICATOR IN UNIFORM APPLICATION OF THE PRODUCT AND WHICH WILL DISAPPEAR FROM THE SURFACE WITHIN 36 HOURS WILL BE USED. ALL MANUFACTURER'S INSTRUCTIONS REGARDING THE PRODUCT INCLUDING APPLICATION RATES SHALL BE FOLLOWED. EXPOSED SOIL AREAS SHALL BE TREATED WITH TEMPORARY SOIL STABILANT AS OFTEN AS NEEDED TO CONTROL EROSION.

C. PERMANENT MEASURES

PRIOR TO COMMENCING THE SEEDING OPERATION, THE PROJECT MANAGER, PRIME CONTRACTOR, LANDSCAPE ARCHITECT AND REVEGETATION CONTRACTOR'S REPRESENTATIVE SHALL ATTEND A MANDATORY PRE-SEEDING CONFERENCE TO REVIEW SUBMITTALS, REVIEW AREAS TO BE TREATED TO DETERMINE THE APPROPRIATE CLASS OF SEEDING AND TO INSURE THAT SLOPES HAVE BEEN CONSTRUCTED PROPERLY. SEEDING EQUIPMENT SHALL ALSO BE INSPECTED DURING THIS PERIOD TO INSURE PROPER OPERATION. ANY WORK DONE PRIOR TO THIS INSPECTION SHALL BE REJECTED. ALL DISTURBED AREAS TO BE SEEDED SHALL BE AS DIRECTED BY THE PROJECT MANAGER AND/OR THE LANDSCAPE ARCHITECT. ALL AREAS LESS THAN 3:1 IN SLOPE SHALL BE TREATED WITH CLASS 'A' SEEDING, ALL AREAS STEEPER THAN 3:1 UP TO AND INCLUDING 2:1 SLOPES SHALL BE TREATED WITH CLASS 'C' SEEDING

DRAINAGES SHALL BE PLATED WITH CLASS 'B' NON-WIRE ENCLOSED RIPRAP ONE STONE DEEP IN THEIR ENTIRETY FROM THE CENTERLINE OF FLOW TO A POINT TWO FEET UP BOTH SIDE SLOPES FORMING THE DRAINAGE..

D. CLASS 'A' SEEDING

IN ADDITION TO THE STANDARD SEED BED PREPARATION REQUIRED AS PER NMDOT 2014 EDITION SPECIFICATIONS SEC. 632.3.3, ADDITIONAL SEED BED PREPARATION IS TO BE PERFORMED BY DISKING 1" OF COMPOST MULCH AS DEFINED IN SEC. 632.2.5 INTO THE TOP 4" OF SEEDBED BEING PREPARED FOR DRILL SEEDING. THIS IS 134 CUBIC YARDS OF COMPOST MULCH PER ACRE.

FERTILIZER TREATMENT SHALL CONSIST OF APPLYING A 3-7-2 NATURAL FERTLIZER WITH ENDO-MYCORRHIZAE AND HUMATES SUCH AS MANUFACTURED BY SUSTANE FERTLIZER (800-352-3003) OR AN APPROVED EQUAL AT A RATE OF 1,000 LBS PER ACRE. HUMATES MUST COMPRISE 15 % OF THE FERTILIZER BY WEIGHT.

SEED SHALL BE DRILL SEEDED AT THE SPECIFIED RATE PER ACRE USING A DRILL SEEDER.

STRAW MULCH FOR CLASS "A" SHALL BE BARLEY STRAW USED AT THE RATE OF 2.0 TONS PER ACRE. MULCH SHALL BE MECHANICALLY ANCHORED (CRIMPED) AS SOON AS POSSIBLE AFTER THE SEED IS APPLIED. ALL SEEDED AREAS SHALL BE MULCHED THE SAME DAY THEY ARE SEEDED. ANY SEEDED AREAS NOT MULCHED THE SAME DAY SHALL BE REJECTED AND RESEEDED AND NO EXTRA PAYMENT SHALL BE MADE THEREFOR. ALL STRAW MULCH TO BE FREE OF NOXIOUS WEEDS AS CERTIFIED BY A RECOGNIZED CERTIFICATION AUTHORITY.

MULCH ANCHORING TACKIFIER FOR CLASS "A" SEEDING IS TO BE M-BINDER, OR APPROVED EQUAL. TACKIFIER IS TO BE APPLIED AS AN OVERSPRAY IN TWO COATS FROM DIFFERENT DIRECTIONS AFTER SEED AND MECHANICALLY ANCHORED MULCH ARE IN PLACE. TACKIFIER SHALL BE APPLIED AT A RATE OF 200 LBS PER ACRE SO AS TO PREVENT MULCH FROM MOVING DUE TO WINDS OR TURBULENCE CREATED BY TRAFFIC ON THE ROADWAY. GREEN DYE IS TO BE ADDED TO THE TACKIFIER SO THAT INSPECTORS CAN CONFIRM APPLICATION. AREAS WHERE MULCH FAILS TO ADHERE SHALL BE REMULCHED AND TACKIFIER APPLIED AND NO EXTRA PAYMENT SHALL BE MADE THEREFOR.

CONTRACTORS' CAMPSITES, STOCKPILE AREAS AND ANY OTHER NONDESIGNATED HAUL ROAD OR DISTURBED AREA SHALL BE TREATED WITH CLASS "A" SEEDING AND NO MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

ANY AREAS LESS THAN 3 TO 1 IN SLOPE REQUIRING REVEGETATION WHICH ARE LESS THAN 8' IN WIDTH SHALL USE THE FOLLOWING PROCEDURE AND PAYMENT IS TO BE MADE AT THE CLASS 'A' RATE. DISC SOIL TO A 4" DEPTH WITH 1" OF INCORPORATED COMPOST MULCH AND AMENDMENTS AS PER STANDARD CLASS 'A' TREATMENT BELOW. INSTEAD OF DRILL SEEDING, A HYDROSEEDER SHALL BE USED TO APPLY THE SEED, DYE, TACKIFIER, AND MULCH IN TWO COATS. COAT ONE IS SEED, DYE, AND TACKIFIER APPLIED TO THE NEWLY DISKED AND AMENDED SOIL. COAT TWO IS AN APPLICATION OF A NMDOT-APPROVED BONDED FIBER MATRIX (BFM) MULCH WITH TACKIFIER APPLIED IN TWO COATS FROM DIFFERENT DIRECTIONS AT A RATE OF 2000 LBS PER ACRE.

PRIOR TO PERFORMING SEEDING OPERATIONS ALL WEED SPECIES WHICH MAY HAVE GROWN IN AREAS TO BE SEEDED AND WILL INTERFERE WITH THE SEED AND MULCH MAKING CONTACT WITH THE SOIL SHALL BE REMOVED.

SUBMITTALS FOR ALL PRODUCTS MUST BE PROVIDED TO PROJECT MANAGER FOR APPROVAL BY THE LANDSCAPE ARCHITECT BEFORE REVEGETATION COMMENCES.

E. CLASS 'A' REQUIRED CERTIFICATIONS

1. TACKIFIER FOR USE AS TEMPORARY SOIL STABILANT AND FOR ANCHORING STRAW MULCH SHALL BE USED AT A MINIMUM RATE OF 200 LB PER ACRE FOR EACH APPLICATION EVENT. USED BAGS WILL BE PRODUCED AND VERIFIED FOR CERTIFICATION. FOR ADDITIONAL VERIFICATION PURPOSES THE PROJECT MANAGER MUST BE NOTIFIED SO THAT HIS STAFF MAY BE PRESENT WHEN BAGS ARE LOADED INTO THE HYDRO EQUIPMENT.

2. COMPOST MULCH WILL BE USED AT A RATE OF 134 CUBIC YARDS PER ACRE. CERTIFICATION MUST BE PROVIDED THAT THE SOURCE IS A NMDOT-CERTIFIED COMPOST PRODUCER AND IS ON OUR APPROVED PRODUCTS LIST. BILLS OF LADING FROM SAID CERTIFIED COMPOST PRODUCER MUST BE AN INKED ORIGINAL INDICATING THE PROJECT

CONTROL NUMBER, THE DATE, AND THE VOLUME IN CUBIC YARDS OF THAT SHIPMENT. THE BILL OF LADING MUST BE SOLELY FOR THIS CONTROL NUMBER. A GRAVIMETRIC MOISTURE READING MUST BE PROVIDED ON THE COMPOST BILL OF LADING, DATED NOT MORE THAN A MONTH PREVIOUSLY FROM THE TIME OF DELIVERY VERIFYING THAT THE COMPOST MOISTURE OF THE COMPOST PILE FROM WHICH THIS SHIPMENT WAS DRAWN IS IN THE 35% TO 45% RANGE. REGARDLESS OF MOISTURE CONTENT, THE PROJECT MANAGER MAY REQUIRE THE DELIVERED COMPOST TO BE WATERED ON DELIVERY AND SPREADING TO REDUCE THE LOSS OF FINES AND AID IN SPREADING AND TILLING.

3. SEED CERTIFICATION SHALL BE AS PER NMDOT 2014 SPECIFICATIONS SECTION 632.2.1.1. A ONE QUART SEALED ZIPLOC BAG CONTAINING THE SEED MIX SHALL BE PROVIDED TO THE NMDOT LANDSCAPE ARCHITECT FOR CONFIRMATION OF GERMINATION VIABILITY.

4. STRAW CERTIFICATIONS SHALL BE PROVIDED CONFIRMING THAT THE SOURCE IS CERTIFIED WEED-FREE BY A RECOGNIZED CERTIFICATION AUTHORITY. BEFORE ACCEPTANCE WEIGHMASTER CERTIFICATION SHALL BE PROVIDED THAT CONFIRMS AMOUNT DELIVERED EQUALS TONNAGE REQUIRED PER THE DETERMINED ACREAGE. THE WEIGHMASTER CERTIFICATION MUST BE FOR THIS PROJECT ONLY, NO SPLIT TICKETS ARE ACCEPTABLE. A NEWLY PURCHASED STRAW BALE MOISTURE METER WITH BATTERIES AS MANUFACTURED BY EXTECH MODEL MO750 WITH AN 8" PROBE OR APPROVED EQUAL WILL BE FURNISHED BY THE REVEGETATION CONTRACTOR TO THE PROJECT MANAGER. NMDOT SHALL TEST EACH BALE TO CONFIRM THAT THE BALE INTERIOR MOISTURE CONTENT IS NO MORE THAN 20%. ANY BALES WITH MOISTURE ABOVE THIS LEVEL SHALL BE REJECTED AND REMOVED FROM THE PROJECT. HIGHER LEVELS MAY INDICATE THE PRESENCE OF MOLD AND THE RISK OF SPONTANEOUS COMBUSTION.

5. FERTILIZER CERTIFICATION SHALL INCLUDE DOCUMENTATION OF POUNDS PER THE TOTAL ACREAGE OF THE PROJECT REQUIRED AND ALL LABELS OR CONTAINERS OF MATERIAL USED. FOR VERIFICATION PURPOSES THE PROJECT MANAGER SHALL BE NOTIFIED WHEN BAGS ARE LOADED INTO THE HYDROMULCH EQUIPMENT.

SCHEDULE OF CN-6100761 CLASS 'A' REVEGETATION MATERIALS PER ACRE				
TACKIFIER	COMPOST MULCH	SEED	BARLEY STRAW	FERTILIZER
200 LBS	134 CUBIC YARDS	11.70 LBS PLS	2 TONS	1,000 LBS

F. CLASS 'C' SEEDING

ALL SLOPES 3:1 OR MORE IN STEEPNESS UP TO A MAXIMUM OF 2:1 IN SLOPE SHALL BE TREATED WITH CLASS 'C' SEEDING. SEED IS TO BE APPLIED AT THE RECOMMENDED RATE IN ONE APPLICATION WITH THE FERTILIZER AND TACKIFIER AND DYE TO THE SCARIFIED SOIL SURFACE. THIS WILL BE FOLLOWED BY AN APPLICATION OF AN APPROVED BONDED FIBER MATRIX (BFM) PRODUCT. BFM SHALL BE USED AT A RATE OF 3,000 LBS PER ACRE AND IS TO BE APPLIED IN TWO SWEEPS FROM DIFFERENT DIRECTIONS SO THAT COVERAGE IS COMPLETE.

A COLOR ADDITIVE (DYE) WILL BE USED IN THE BFM TO ASSIST THE APPLICATOR IN UNIFORM APPLICATION OF THE PRODUCT AND WHICH WILL DISAPPEAR FROM THE SURFACE WITHIN 36 HOURS.

FERTILIZER TREATMENT SHALL CONSIST OF APPLYING IN THE INITIAL HYDRO-APPLIED APPLICATION A 3-7-2 NATURAL FERTLIZER WITH MYCORRHIZAE AND HUMATES LIKE THAT MANUFACTURED BY SUSTANE FERTLIZER (800-352-3003) OR AN APPROVED EQUAL AT A RATE OF 1,000 LBS PER ACRE. HUMATES MUST COMPRISE 15 % OF THE FERTILIZER BY WEIGHT.



6			
5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

REVEGETATION/EROSION  
CONTROL PLAN

DRAWING SCALE: 1: scale

FOR ALL SLOPES STEEPER THAN 3:1, FOLLOWING HYDROMULCH APPLICATION, THE ADDITIONAL STEP OF A SINGLE LAYER OF CLOSELY-SPACED EVENLY-SPREAD GRAVEL MULCH IS TO BE ADDED OVER THE TOP OF THE INSTALLATION. THE ROCK MULCH SHALL BE ¾" - 1" IN SIZE AND FRACTURED FACE. THE ROCK MULCH SHALL BE PLACED IN A LAYER ONE STONE DEEP AND IMMEDIATELY ADJACENT TO EACH OTHER. PLACEMENT OF ROCK MULCH SHALL BE BY A ROCK SLINGING MACHINE OR BY OTHER MEANS WHICH DO NOT DAMAGE THE APPLIED HYDROMULCH AND SEED. THE FINISHED ROCK MULCH SURFACE MUST BE SMOOTH AND UNIFORM MAINTAINING THE ORIGINAL FLOW LINES, SLOPE GRADIENTS, AND CONTOURS OF THE JOB. A SUBMITTAL SAMPLE OF THE PROPOSED ROCK MULCH SHALL BE PROVIDED TO THE PROJECT MANAGER AND LANDSCAPE ARCHITECT FOR APPROVAL. COVERAGE SHALL BE AT A RATE OF 134 CUBIC YARDS PER ACRE. ADDITIONALLY THE CONTRACTOR SHALL PROVIDE A SUBMITTAL FROM THE ROCK VENDOR CONFIRMING THE WEIGHT OF ONE CUBIC YARD OF THE ROCK MATERIAL.

G. CLASS 'C' CERTIFICATIONS

1. TACKIFIER FOR USE AS TEMPORARY SOIL STABILANT OR FOR ANCHORING SEED SEPARATELY WITH HYDROMULCH SHALL BE USED AT A MINIMUM RATE OF 200 LB PER ACRE FOR EACH APPLICATION EVENT. USED BAGS WILL BE PRODUCED AND VERIFIED FOR CERTIFICATION. FOR ADDITIONAL VERIFICATION PURPOSES THE PROJECT MANAGER MUST BE NOTIFIED SO THAT HIS STAFF MAY BE PRESENT WHEN BAGS ARE LOADED INTO THE HYDRO EQUIPMENT.

2. SEED SHALL BE USED AS PER THE PROVIDED SCHEDULE. A CERTIFICATION SHALL BE PROVIDED BY AN APPROVED CERTIFICATION AUTHORITY THAT THE SEED PROVIDER IS APPROVED. EMPTY SEED BAGS SHALL BE PROVIDED UPON THE COMPLETION OF WORK, ONE BAG FOR EACH ACRE WITH THE CORRECT PURE LIVE SEED ANALYSIS. FOR ADDITIONAL VERIFICATION THE PROJECT MANAGER SHALL BE NOTIFIED PRIOR TO SEED BEING LOADED INTO THE DRILL OR HYDROSEEDING EQUIPMENT.

3. HYDROMULCH CONTACTING TACKIFIER SHALL BE USED AT THE SPECIFIED RATE PER ACRE AND EMPTY BAGS SHALL BE PRODUCED FOR THE PROJECT MANAGER FOR CERTIFICATION. FOR VERIFICATION PURPOSES THE PROJECT MANAGER SHALL BE NOTIFIED WHEN BAGS ARE LOADED INTO THE HYDROMULCH EQUIPMENT.

4. FERTILIZER CERTIFICATION SHALL INCLUDE DOCUMENTATION OF POUNDS PER THE TOTAL ACREAGE OF THE PROJECT REQUIRED AND ALL LABELS OR CONTAINERS OF MATERIAL USED. FOR VERIFICATION PURPOSES THE PROJECT MANAGER SHALL BE NOTIFIED WHEN BAGS ARE LOADED INTO THE HYDROMULCH EQUIPMENT.

5. ROCK MULCH CERTIFICATION SHALL INCLUDE WEIGHMASTER TICKETS FOR ALL LOADS OF ROCK DELIVERED TO THE PROJECT FOR THE PURPOSES OF THE ROCK MULCH IN CLASS C TREATMENT. THE QUANTITY AND TONNAGE DELIVERED AND USED MUST CONFORM TO THE AMOUNT REQUIRED AND NEEDED TO COVER THE CLASS C AREAS ONE STONE DEEP.

SCHEDULE OF CN-6100761 CLASS 'C' REVEGETATION MATERIALS PER ACRE				
TACKIFIER	BFM HYDROMULCH	SEED	ROCK MULCH	FERTILIZER
200 LBS*	3,000 LBS	11.70 LBS PLS	150 CUBIC YDS	1,000 LBS

\*unless included in BFM product

H. CLASS 'A' AND 'C' SEED MIX

(CERTIFIED SEED OF NAMED VARIETIES ARE REQUIRED IF AVAILABLE)

Common Name	Botanical Name	LBS OF PLS*/ACRE
Blue Grama	Bouteloua gracilis var. Alma	1.50
Sideoats Grama	Bouteloua curtipendula var. Vaughn	1.00
	Ratibida columnifera	
Mexican hat	Agropyron smithii	0.20
Western Wheatgrass		0.50
Little Bluestem	Schizachyrium scoparium	0.20
Apache Plume	Fallugia paradoxa	0.50
Winterfat	Krascheninnikovia lanata	0.75
Four-wing saltbush	Atriplex canescens	0.75
Galleta	Pleuraphis jamesii var. Viva	1.00
Indian Ricegrass	Achnatherum hymenoides var. Paloma	1.00
	Avena sativa	1.00
Oats	Triticum aestivum X Secale	1.50
Sterile triticale	cereale'Quickguard'	
	Dalea candida	0.05
White prairie clover	Sporobolus airoides	1.00
Alkali Sacaton	Penstemon palmeri	0.25
Palmer penstemon	Sporobolus cryptandrus	0.20
Sand Dropseed	Achillea millefolium	0.10
Common Yarrow	Linum lewisii	0.10
Blue Flax		

PURE LIVE SEED

TOTAL 11.70

DORMANT COOL-SEASON GRASSES HAVE BEEN ADDED TO THIS SPECIFICATION. THERE ARE NO RESTRICTIONS AS TO SEEDING SEASON OTHER THAN WORK CAN NOT BE PERFORMED WHEN THE GROUND IS FROZEN.

I. ANY PROPOSED CHANGES OR MODIFICATIONS TO THIS PLAN SHALL BE DISCUSSED WITH THE LANDSCAPE ARCHITECT PRIOR TO MAKING SUCH CHANGES OR MODIFICATIONS. Contact: NMDOT Landscape Architect William S. Hutchinson @ 505-827-6831, cell 505-795-1275

632000  
CLASS A SEEDING

0.01 AC  
USE 0.10 AC

CONTRACTOR HAS THE OPTION TO USE COMPOST/MULCH, ITEM NO.632202 INSTEAD OF CLASS A SEEDING. SEE THIS SHEET.

603100  
CLASS I TEMPORARY SOIL STABILANT

0.86 AC  
USE 0.90 AC

602010  
CLASS B SEEDING

160 CY  
USE 160 CY

632030  
CLASS C SEEDING

0.85 AC  
USE 0.90 AC

COMPOST STANDARDS (CONT.)

Table 1. Quality Requirements for General Use Compost

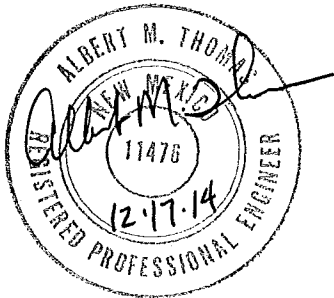
	Measure	Method	Criteria
All Composts	Moisture content	Evaporative loss at 105°C	40% - 60% total weight
	Particle Size	Sieve	95% or more passes ¾" and 70% or more passes ½"
	Soluble Salts	1:5 slurry (mass basis)	< 10 mmho/cm
	pH	1:5 slurry (mass basis)	6.0 - 9.0
	Organic matter	Loss on ignition at 550°C	25% - 70% dry weight
	Maturity	At least 50% of rated germination for marigolds in 50:50 (volume basis) mixture of compost and twice-rinsed play sand	
	Stability	Core temperature of 5ft tall conical pile no more than 110°F after 48 hours	
Biosolids Compost	Debris	Less than 1% inorganic debris, by volume, including, but not limited to, glass, plastic, stones and metal	
	Trace metals	HNO3 digestion	Complies with Table 1 of 40CFR503.13
	Fecal coliforms	MPN with A-1 broth	<1000/dry gram

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

REVEGETATION/EROSION  
CONTROL PLAN



DRAWING SCALE: 1: scale

STORM WATER POLLUTION PREVENTION PLAN INFORMATION

NOI INPUTS

NMDOT PROJECTS REQUIRE ELECTRONIC NOI SUBMISSION- PAPER SUBMISSION REQUIRES PRIOR APPROVAL.

PERMIT NUMBER:  
NMR120000 STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY  
NMR120001 INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT NAVAJO  
RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA PERMIT AZ100001 AND  
UTE MOUNTAIN RESERVATION LANDS THAT ARE COVERED UNDER COLORADO  
PERMIT COR100001.

OPERATOR INFORMATION: SEE DISTRICT ADDRESSES, THIS SHEET

IRS EMPLOYER IDENTIFICATION NUMBER (EIN): NMDOT: \_\_\_\_ - \_\_\_\_

POINT OF CONTACT: DISTRICT PROJECT MANAGER

NOI PREPARED BY: DISTRICT PROJECT MANAGER

PROJECT / SITE NAME: NMDOT CONTROL NUMBER (CN)

PROJECT / SITE ADDRESS: ROAD NAME & BOP MP TO EOP MP

LATITUDE

35.953366

LONGITUDE

-106.117332

FEDERAL OPERATOR = "ANY DEPARTMENT, AGENCY, OR INSTRUMENTALITY OF THE EXECUTIVE, LEGISLATIVE,  
AND JUDICIAL BRANCHES OF THE FEDERAL GOVERNMENT OF THE UNITED STATES"

ESTIMATED PROJECT START DATE

XXXXX

ESTIMATED PROJECT COMPLETION DATE

XXXXX

ESTIMATED AREA TO BE DISTURBED (NEAREST 1/4 ACRE)

XXXXX

COMMENCED EARTH-DISTURBING ACTIVITIES?

YES/NO

PREVIOUS NPDES PERMIT? IF YES, PERMIT NO:

XXXXX

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4): SEE THIS SHEET FOR MS4 LOCATIONS.

SURFACE WATERS WITHIN 50 FT? YES/NO

NO

RECEIVING WATER

RIO GRANDE

IMPAIRED WATERS: SEE MAP FOR 303D LISTING & TMDL LISTINGS ON THIS SWPPP INFORMATION SHEET. CHECK  
SPECIFIC TMDL LIST HERE: <ftp://ftp.nmenv.state.nm.us/www/swqb/WQMP-CPP/WQMP-CPPAppendixB-May2011.pdf>

IMPAIRED WATERS METHOD: ONLINE CONSULTATION OF NEW MEXICO ENVIRONMENT DEPARTMENT LISTING OF  
OF STATEWIDE 303D AND TMDL IMPAIRMENTS.

TIER 2, TIER 2.5, TIER 3 WATERS - CONSULT 2012 CGP APPENDIX "F"

CHEMICAL TREATMENT INFORMATION - TYPICAL NMDOT PROJECT WILL NOT UTILIZE THESE CHEMICALS.

SWPPP CONTACT INFORMATION - DISTRICT PROJECT MANAGER

ENDANGERED SPECIES CRITERIA (A, B, C, D, E, or F): CRITERION E - ATTACH LETTER OF  
CORRESPONDENCE WITH US FISH & WILDLIFE.

HISTORIC PRESERVATION - ALL CONTROLS (TESCP SHEETS) REQUIRE SUBSURFACE DISTURBANCE.  
ARCHEOLOGICAL SURVEY FOR PROJECT WILL INDICATE EXISTANCE OF HISTORIC PROPERTIES. IF HISTORIC  
PROPERTIES EXIST, TESCP SHEETS CAN SHOW NO EFFECT ON HISTORIC PROPERTIES.

CERTIFICATION: NOI MUST BE CERTIFIED BY "A PRINCIPAL EXECUTIVE OFFICER OR RANKING ELECTED OFFICIAL".

SWPPP INPUTS

DRAINAGE PATTERNS	OVERLAND
APPROXIMATE SLOPES AFTER MAJOR GRADING	(SEE TYPICAL ROAD SECTION AND GRADING SHEETS)
RAINFALL 2-YEAR, 24-HOUR, inch	1.41 IN
2-YEAR, 1-HOUR, inch	0.851 IN
INTENSITY, FOR Tc = 10 minutes	50 YR = 5.156 IN/HR, 100 YR = 6.018IN/HR
HYDROLOGICAL SOIL GROUP	HGS = "A" (45%), HGS = "B" (40%)
CURVE NUMBER (CN), UNDISTURBED AREA	77
CURVE NUMBER (CN), DISTURBED AREA	86
RUNOFF COEFFICIENT, PRIOR TO CONSTRUCTION	0.2
RUNOFF COEFFICIENT, DURING CONSTRUCTION	1.47
RUNOFF COEFFICIENT, AFTER CONSTRUCTION	0.28

GENERAL NOTES:

1. THE 2002 EDITION OF NMDOT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) HANDBOOK AND SECTION 603 - TEMPORARY  
EROSION AND SEDIMENT CONTROL OF THE 2007 NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY  
AND BRIDGE CONSTRUCTION - SHALL BE USED AS MINIMUM REQUIREMENTS TO DEVELOP OR MODIFY THE STORM WATER POLLUTION  
PREVENTION PLAN (SWPPP).
2. THE NPDES PERMIT NUMBER FOR THE PROJECT OR A COPY OF THE NOTICE OF INTENT (NOI), IF A PERMIT NUMBER HAS NOT YET BEEN  
ASSIGNED, SHALL BE POSTED AT THE PROJECT SITE OR THE FIELD OFFICE AT ALL TIMES DURING CONSTRUCTION.
3. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ALL MAINTENANCE AND INSPECTION REPORTS SHALL BE SIGNED BY A  
QUALIFIED INSPECTOR ASSIGNED BY CONTRACTOR. THE SWPPP AND THE INSPECTION REPORTS SHALL BE AVAILABLE TO EPA  
REPRESENTATIVE AT ALL TIMES DURING CONSTRUCTION.
4. ALL DRAINAGE INFORMATION NEEDED TO COMPLETE THE NOTICE OF INTENT (NOI) ARE PROVIDED IN THIS PLAN.
5. BMPS SHOWN ON TESCP ARE DETERMINED USING THE EQUATIONS SHOWN ON THIS SHEET AND OTHER HYDROLOGIC MODELS AS  
SPECIFIED IN THE DEPARTMENTS DRAINAGE MANUALS LATEST EDITION. BMPS CONTROL SEDIMENT SO THAT NO ADDITIONAL SEDIMENT  
RESULTING FROM CONSTRUCTION ACTIVITIES DISCHARGE TO WATERWAYS.
6. THE CONTRACTOR SHALL SPECIFICALLY DEFINE ALL REQUIRED CONTROL MEASURES FOR EACH CONSTRUCTION PHASE, AND SHALL  
COMPLY WITH THE PROVISIONS OF THE NPDES MANUAL AND THE 2012 CONSTRUCTION GENERAL PERMIT.
7. THE TESCP SHEETS INCLUDED IN THE FOLLOWING PAGES OF THESE PLANS PROVIDE A BASIS FOR ESTIMATING QUANTITIES.

LIST OF APPROVED TMDLs IN NEW MEXICO

- Caliente Canyon (Vermejo River to headwaters)  
Cieneguilla Creek (Eagle Nest Lake to headwaters)  
Cimarron River (Canadian River to Cimarron Village)  
Cimarron River (Cimarron Village to Turkey Creek)  
Cimarron River (Turkey Creek to Eagle Nest Lake)  
Coyote Creek (Mora River to Black Lake)  
Little Coyote Creek (Black lake to headwaters)  
Middle Ponil Creek (South Ponil Creek to headwaters)  
Mora River (USGS gage east of Shoemaker to Hwy 434)  
Mora River (Hwy 434 to headwaters)  
Moreno Creek (Eagle Nest Lake to headwaters)  
North Ponil Creek (South Ponil Creek to McCrystal Creek)  
Ponil Creek (Cimarron River to confluence of North and South Ponil)  
Ponil Creek (Cimarron River to US 64)  
Ponil Creek (Us 64 to confl of North and South Ponil)  
Rayado Creek (Miami Lake Diversion to headwaters)  
Rayado Creek (Cimarron River to Miami Lake Diversion)  
Sapello River (Mora River to Manuelitas Creek)  
Sixmile Creek (Eagle Nest Lake to headwaters)  
South Ponil Creek (Ponil Creek to Middle Ponil)  
Ute Creek (Cimarron River to headwaters)  
Vermejo River (Rail Canyon to York Canyon)  
Vermejo River (York Canyon to headwaters)  
York Canyon (Vermejo Park to headwaters)  
Dry Cimarron River (perennial reaches OK bnd to Long Canyon)  
Dry Cimarron River (Long Canyon to Oak Creek)  
Long Canyon (perennial reaches above Dry Cimarron)  
Oak Creek (Dry Cimarron to headwaters)  
Black Canyon Creek (East Fork Gila River to headwaters)  
Canyon Creek (Middle Fork Gila River to headwaters)  
Centerfire Creek (San Francisco R to headwaters)  
Gila River (East Fork)  
Mangas Creek ( Gila River to Mangas Springs)  
Mogollon Creek (Perennial reaches abv USGS gage)  
Negrito Creek (South Fork)  
San Francisco River (Centerfire Creek to AZ border)  
Sapillo Creek (Gila River to Lake Roberts)  
Taylor Creek (Beaver Creek to Wall Lake)  
Tularosa River (San Francisco R to Apache Creek)  
Whitewater Creek (San Francisco River to White-water Campgrd)  
Rio Grande (International Mexico boundary to Leasburg Dam)  
Rio Grande (Leasburg Dam to Percha Dam)  
Abiquiu Creek (Rio Chama to headwaters)  
Cañones Creek (Abiquiu Reservoir to headwaters)  
Chavez Creek (Rio Brazos to headwaters)  
Poleo Creek (Rio Puerco de Chama to headwaters)  
Polvadera Creek (Canoñes Creek to headwaters)  
Rio Brazos (Rio Chama to Chavez Creek)  
Rio Chama (Rio Brazos to Little Willow Creek)  
Rio Chamita (Rio Chama to CO border)  
Rio Chamita (Rio Chama to CO border)  
Rio Nutrias (Rio Chama to headwaters)  
Rio Vallecitos (Rio Tusas to headwaters)  
Rito de Tierra Amarilla (Rio Chama to HWY 64)  
Santa Fe River (Cochiti Pueblo bnd to Santa Fe WWTP)  
Clear Creek (Rio de las Vacas to San Gregio Lake)  
Jemez River ( East Fork)  
East Fork Jemez (East Fork Jemez to to headwaters)  
East Fork Jemez River (San Antonio Creek to VCNP boundary)  
Jemez River (HWY 4 near Jemez Springs to East Fork)  
Jemez River (Rio Guadalupe to HWY 4 nr Jemez Springs)  
Jemez River (Zia Pueblo bnd to Jemez Pueblo bnd)
- Jemez River (Jemez Pueblo bnd to Rio Guadalupe)  
Jemez River (Rio Guadalupe to Soda Dam nr Jemez Springs)  
Jemez River (Soda Dam nr Jemez Springs to East Fork)  
Redondo Creek (Sulphur Creek to headwaters)  
Jaramillo Creek (VCNP boundary to headwaters)  
Rio Cebolla (Fenton Lake to headwaters)  
Rio Cebolla (Rio de las Vacas to Fenton Lake)  
Rio de las Vacas (Rio Cebolla to Clear Creek)  
Rio de las Vacas (Rio Cebolla to Rito de las Palomas)  
Rio Guadalupe (Jemez River to confl with Rio Cebolla)  
Rito de las Palomas (Rio de las Vacas to headwaters)  
Rito Penas Negras (Rio de las Vacas to headwaters)  
San Antonio Creek (East Fork Jemez River to headwaters)  
San Antonio Creek (East Fork Jemez to VCNP bnd)  
Sulphur Creek (Redondo Creek to headwaters)  
Bluewater Creek (Bluewater Reservoir to headwaters)  
Bluewater Creek (non-tribal Rio San Jose to Bluewtaer Rsrv)  
La Jara Creek (perennial reaches above Arroyo San Jose)  
Rio Grande (non-Pueblo Alameda to Angostura Diversion)  
Rio Grande (Alameda Bridge to Santa Ana Pueblo bnd)  
Rio Grande ( Isleta Pueblo boundary to Alameda Bridge)  
Rio Grande (Rio Puerco to Isleta Pueblo boundary)  
Rio Grande (San Marcial at USGS gage to Rio Puerco)  
Rio Moquino (Laguna Pueblo to Seboyettia Creek)  
Rio Puerco (Arroyo Chijulla to Northern Boundary Cuba)  
Bitler Creek (Red River to headwaters)  
Comanche Creek (Costilla Creek to Little Costilla Creek)  
Cordova Creek (Costilla Creek to headwaters)  
Costilla Creek (diversion above Costilla to Comanche Creek)  
Embudo Creek (Rio Grande to Cañada de Ojo Sarco)  
Little Tesuque (Rio Tesuque to headwaters)  
Placer Creek (Red River to headwaters)  
Red River (Rio Grande to Placer Creek)  
Rio de los Pinos (Colorado border to headwaters)  
Rio Fernando de Taos (Rio Pueblo de Taos to headwaters)  
Rio Grande (non-pueblo Santa Clara to Embudo Creek)  
Rio Grande (Red River to NM-CO border)  
Rio Grande del Rancho (Rio Pueblo de Taos to Hwy 518)  
Rio Hondo (Rio Grande to USFS boundary)  
Rio Hondo (South Fork of Rio Hondo to Lake Fork Creek)  
Rio Pueblo de Taos (Arroyo del Alamo to Rio Grande del Rancho)  
Rio Pueblo de Taos (Rio Grande del Rancho to Taos Pueblo bounadry)  
Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)  
Rio San Antonio (Montoya Canyon to headwaters)  
Rio Santa Barbara (Picuris Pueblo boundary to USFS bounadry)  
Bull Creek (Cow Creek to headwaters)  
Cow Creek (Bull Creek to headwaters)  
Cow Creek (Pecos River to Bull Creek)  
Gallinas River (Las Vegas diversion to headwaters)  
Pecos River (Alamitos Canyon to Willow Creek)  
Pecos River (Cañon de Manzanita to Alamitos Canyon)  
Carrizo Creek (Rio Ruidoso to Mescalero Apache boundary)  
Rio Bonito (Angus Canyon to headwaters)  
Rio Hondo (Perennial Reaches Pecos to headwaters)  
Rio Ruidoso (Rio Bonito to US Highway 70)  
Rio Ruidoso (US Highway 70 Mescalero Apache boundary)  
Animas River (San Juan River to Estes Arroyo)  
Gallegos Canyon (San Juan to Navajo Boundary)  
La Plata River (McDermott Arroyo to Colorado Border)  
La Plata River (San Juan River to McDermott Arroyo)  
San Juan River (Navajo Boundary at Hogback to Animas River)  
San Juan River (Animas River to Cañon Largo)

RUNOFF DISCHARGE & VOLUME CALCULATION:

THE FOLLOWING PROCEDURES SHOULD BE USED TO CALCULATE THE RUNOFF  
DISCHARGE AND VOLUME TO DESIGN THE EROSION CONTROL MEASURES:

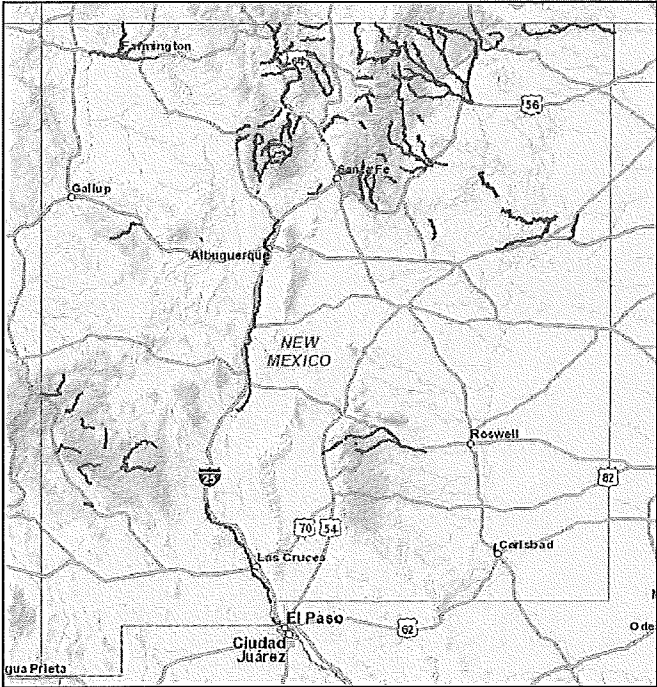
DISCHARGE: Q = CIA  
WHERE: Q = DISCHARGE, cfs  
C = RUNOFF COEFFICIENT  
I = RAINFALL INTENSITY, in/hr  
A = AREA OF THE SITE, acres

VOLUME: V = QT<sub>C</sub>  
WHERE: V = VOLUME, ft<sup>3</sup>  
T<sub>C</sub> = (1/60) 0.0078 L<sup>0.77</sup> S<sup>-0.385</sup> minutes  
Assume T<sub>C</sub> = 10 min. for basins  
within the project limits  
L = LENGTH OF WATERSHED, ft  
S = SLOPE, ft / ft

IMPAIRED STREAMS IN NEW MEXICO

THE MAP BELOW SHOWS IMPAIRED WATERS LOCATIONS AS OF MARCH 2012.  
IF YOUR PROJECT IS ADJACENT OR NEAR TO AN IMPAIRED WATER, CONSULT  
THE NEW MEXICO ENVIRONMENT DEPARTMENT WEBSITE TO UTILIZE THEIR GIS MAPPING  
TOOL TO IDENTIFY THE IMPAIRMENT. EACH IMPAIRED STREAM LOCATION WILL IDENTIFY  
THE IMPAIRMENT WHEN THE "ID" TOOL IS USED BY CLICKING WITH THE MOUSE  
IS USED BY CLICKING WITH THE MOUSE ON A PARTICULAR IMPAIRED STREAM.

<http://gis.nmenv.state.nm.us/EGIS/>

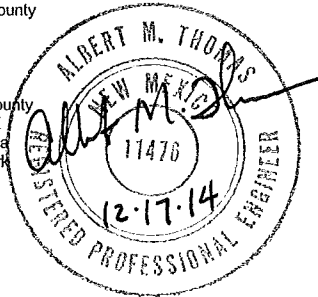


DISTRICT ADDRESSES

- DISTRICT 1  
2912 E. Pine St.  
Deming, NM 88030  
Telephone: 575-544-6530  
Toll Free: 800-444-0745  
Fax: 575-546-0272
- DISTRICT 2  
4505 W. Second  
P.O. Box 1457  
Roswell, NM 88202-1457  
Telephone: 576-637-7200  
Toll Free: 800-432-7845
- DISTRICT 3  
P.O. Box 91750  
Albuquerque, NM 87199  
Telephone: 505-841-2700  
Toll Free: 866-466-8178  
Fax: 505-841-2790
- DISTRICT 4  
Box 10  
Las Vegas, NM 87701-0010  
Telephone: 505-454-3625  
Toll Free: 800-234-7520
- DISTRICT 5  
Box 4127, Coronado  
Santa Fe, NM 87502-4127  
Telephone: 505-476-4200  
Toll Free: 800-388-6630
- DISTRICT 6  
P.O. Box 2160  
Milan, NM 87021  
Telephone: 505-285-3206  
Toll Free: 800-361-3596

REGULATED SMALL MS4s IN NEW MEXICO

- Albuquerque  
Bernalillo  
Camuel  
Corrales  
Isleta Village Proper  
Los Ranchos de Albuquerque  
Rio Rancho  
Santa Ana Pueblo  
Bernalillo County  
Sandoval County  
Doña Ana  
Las Cruces  
Mesilla  
University Park
- Doña Ana County  
Aztec  
Farmington  
Flora Vista  
Kirtland  
San Juan County  
Agua Fria  
La Cienega  
Santa Fe  
Tesuque  
Santa Fe County  
Anthony, TX  
Santa Teresa  
Sunland Park



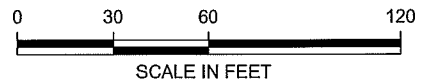
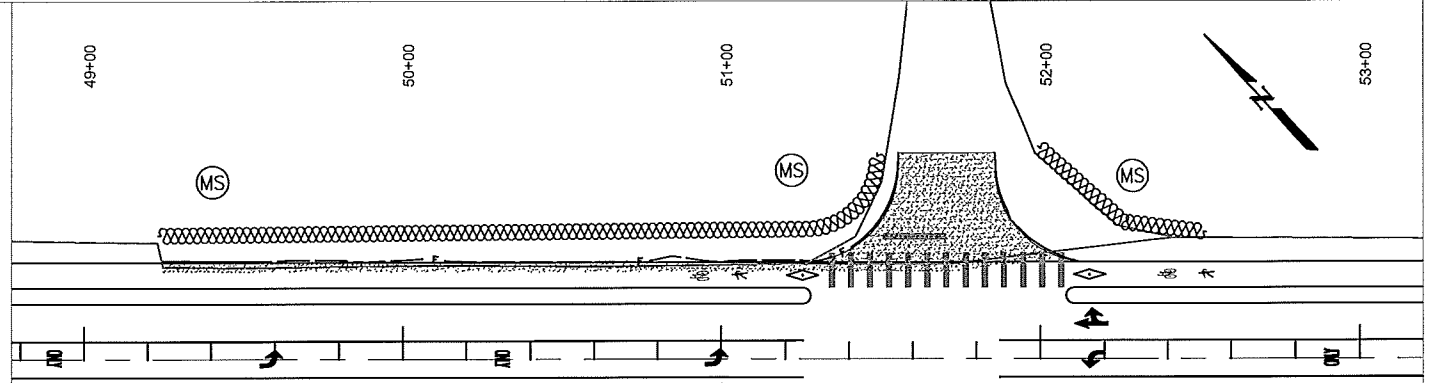
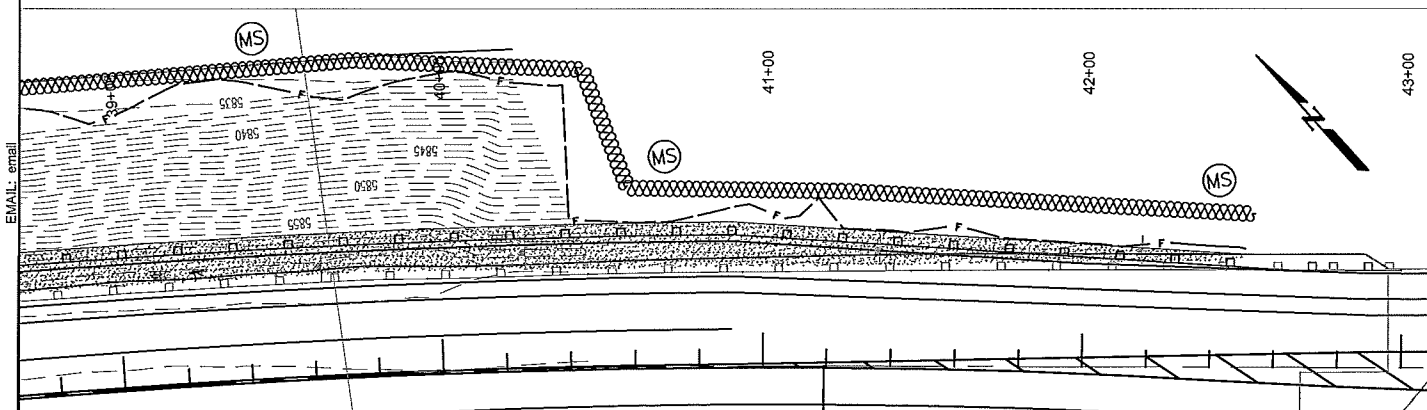
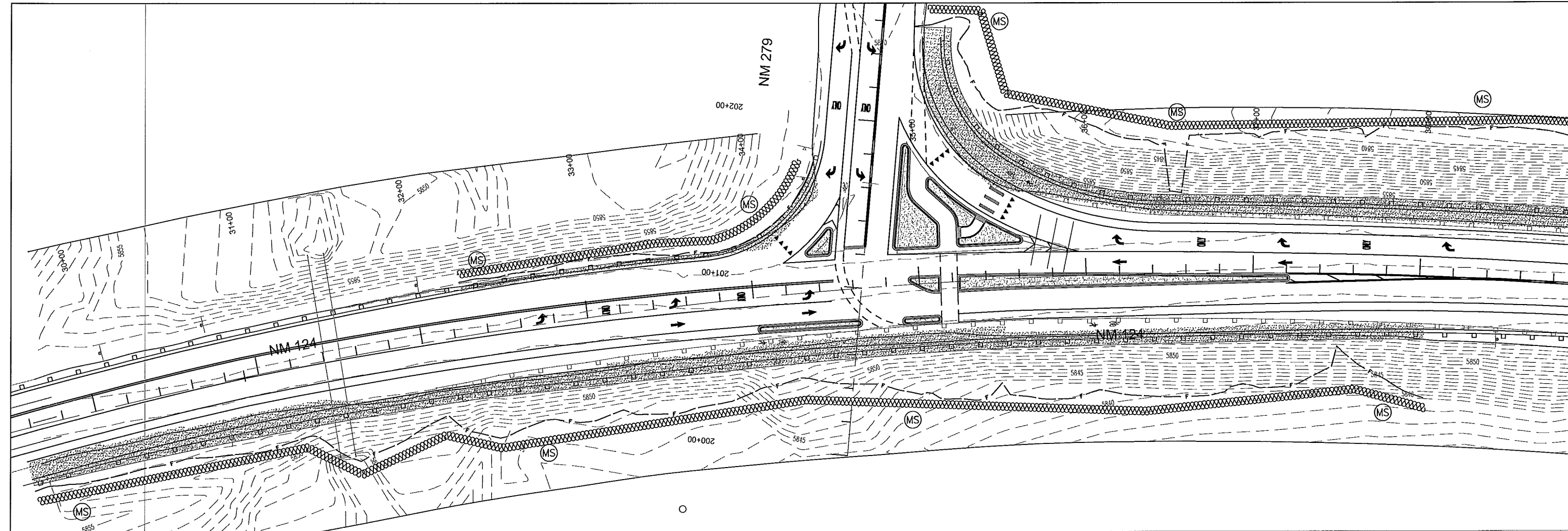
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2			
1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INFORMATION			

EMAIL: email

PHONE: phone

DESIGNED BY: designer



LEGEND

- ➔ DISCHARGE POINT
- ➔ FLOW DIRECTION
- ⊗ DROP INLET PROTECTION
- CD CHECK DAM
- MS MULCH SOCKS
- CP CULVERT PROTECTION

NOTE: CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DETERMINING IF CHECK DAMS ARE NECESSARY THROUGHOUT PROJECT LENGTH. ANY ADDITIONAL CHECK DAMS NECESSARY FOR CONSTRUCTION OTHER THAN THOSE SHOWN IN THESE PLANS SHALL BE CONSIDERED INCIDENTAL TO MULCH SOCKS.

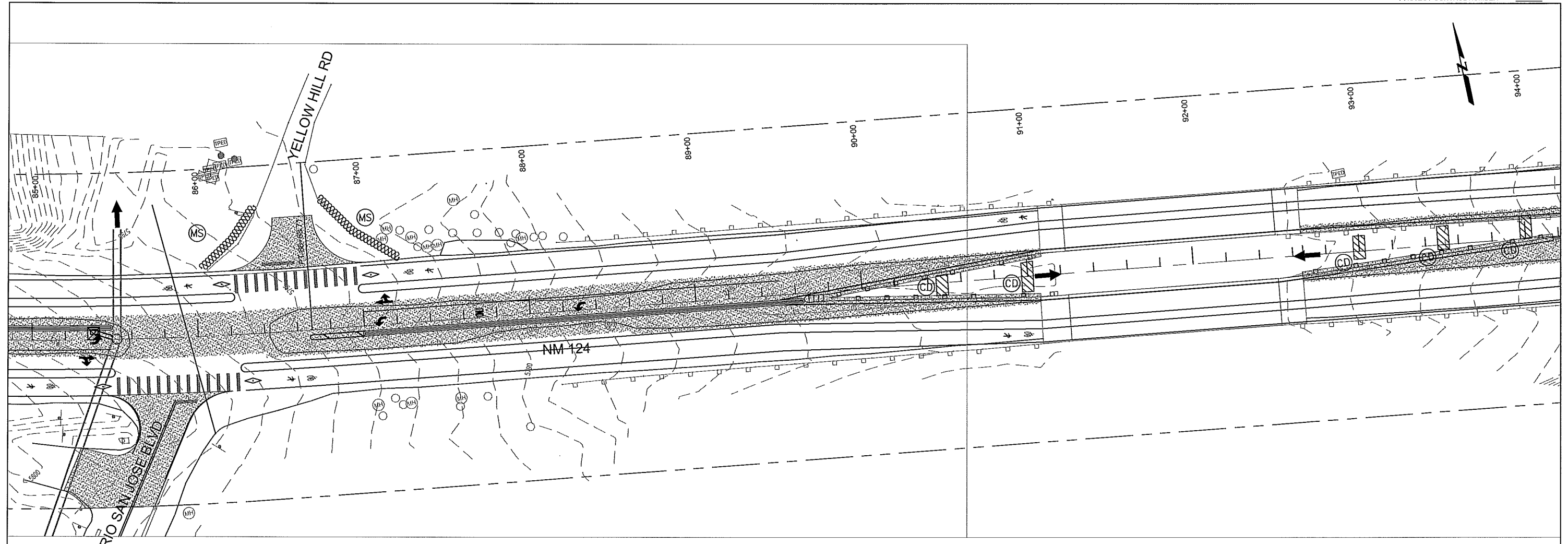


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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET  
TEMPORARY EROSION &  
SEDIMENT CONTROL PLAN  
NM 279

DRAWING SCALE: 1" = 30'

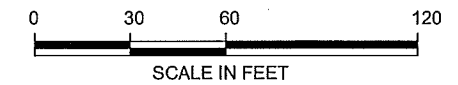




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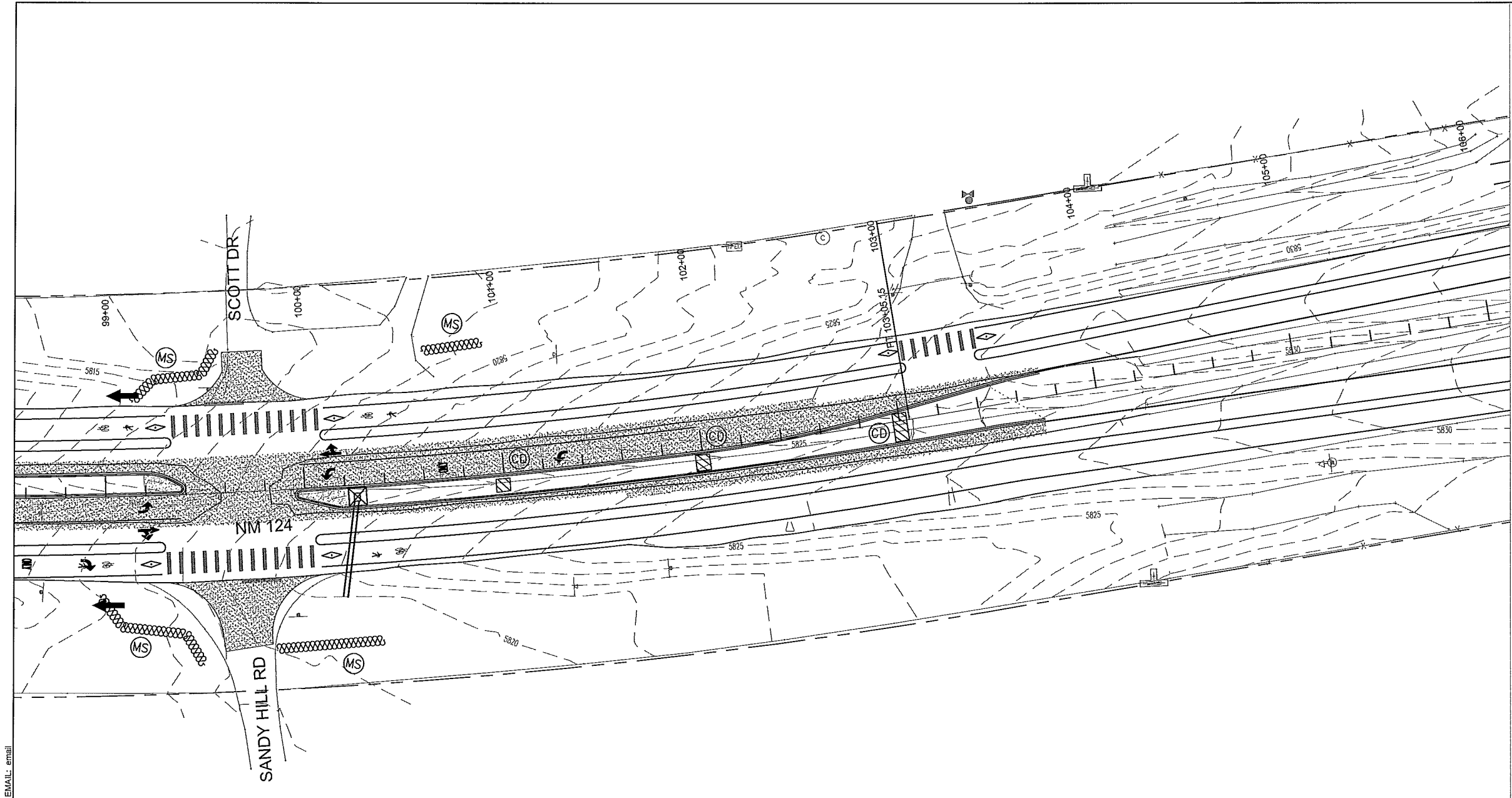
- ➔ DISCHARGE POINT
- ➔ FLOW DIRECTION
- ⊠ DROP INLET PROTECTION
- CD CHECK DAM
- MS MULCH SOCKS
- CP CULVERT PROTECTION

NOTE: CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DETERMINING IF CHECK DAMS ARE NECESSARY THROUGHOUT PROJECT LENGTH. ANY ADDITIONAL CHECK DAMS NECESSARY FOR CONSTRUCTION OTHER THAN THOSE SHOWN IN THESE PLANS SHALL BE CONSIDERED INCIDENTAL TO MULCH SOCKS.



6			
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET TEMPORARY EROSION & SEDIMENT CONTROL PLAN RIO SAN JOSE			

DESIGNED BY: Bohannan Huston  
PHONE: phone  
EMAIL: email



EMAIL: email

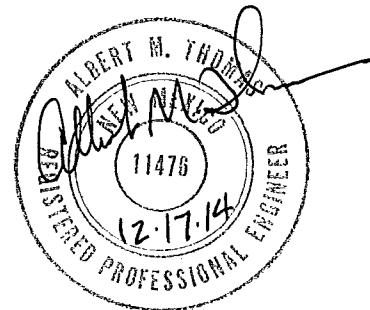
PHONE: phone

DESIGNED BY: designer

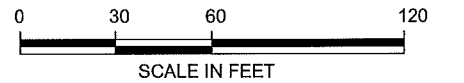
**LEGEND**

- ➔ DISCHARGE POINT
- ➔ FLOW DIRECTION
- ⊠ DROP INLET PROTECTION
- CD CHECK DAM
- MS MULCH SOCKS
- CP CULVERT PROTECTION

NOTE: CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DETERMINING IF CHECK DAMS ARE NECESSARY THROUGHOUT PROJECT LENGTH. ANY ADDITIONAL CHECK DAMS NECESSARY FOR CONSTRUCTION OTHER THAN THOSE SHOWN IN THESE PLANS SHALL BE CONSIDERED INCIDENTAL TO MULCH SOCKS.



DRAWING SCALE: 1" = 30'



6			
5			
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1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET  
TEMPORARY EROSION &  
SEDIMENT CONTROL PLAN  
RIO SAN JOSE BRIDGE

603221	603250	603260	603261
CHECK DAM TYPE II	DROP INLET PROTECTION TYPE I	CULVERT PROTECTION	MULCH SOCKS

NOTE: FOR CONTRACTOR'S INFORMATION ONLY

THIS PLAN SHOWS TEMPORARY BMP'S IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESEEDING. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMP'S DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT". BMP QUANTITIES ARE BASED ON THESE TESCOP PLAN SHEETS.

REVISIONS (OR CHANGE NOTICES)

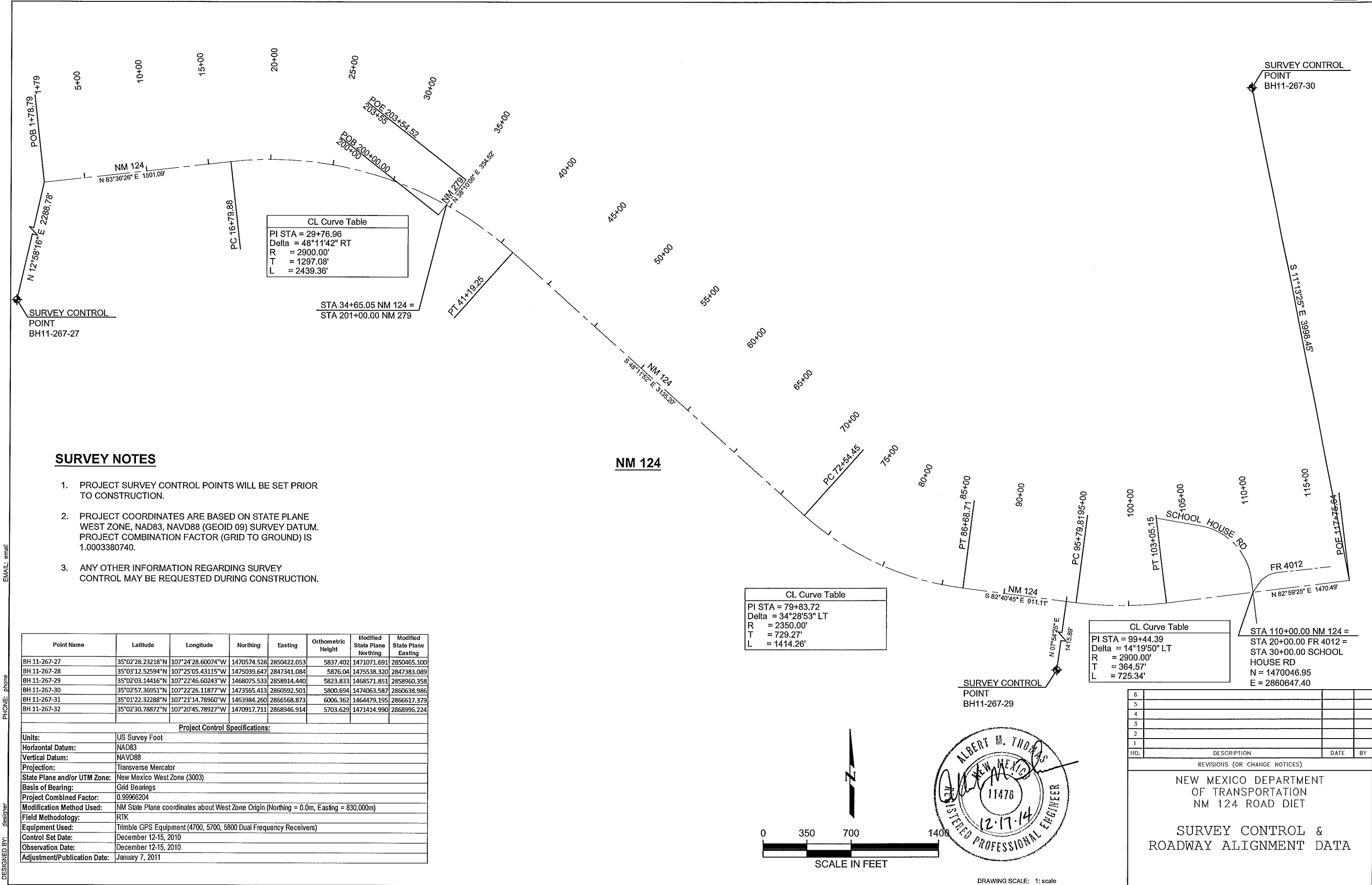
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DRAWING SCALE: 1: scale

DESIGNED BY: Bohannan Huston

NEW MEXICO PROJECT NO. XXXXXXXX



**SURVEY NOTES**

1. PROJECT SURVEY CONTROL POINTS WILL BE SET PRIOR TO CONSTRUCTION.
2. PROJECT COORDINATES ARE BASED ON STATE PLANE WEST ZONE, NAD83, NAVD88 (GEOID 09) SURVEY DATUM. PROJECT COMBINATION FACTOR (GRID TO GROUND) IS 1.0003380740.
3. ANY OTHER INFORMATION REGARDING SURVEY CONTROL MAY BE REQUESTED DURING CONSTRUCTION.

Point Name	Latitude	Longitude	Northing	Easting	Orthometric Height	Modified State Plane Northing	Modified State Plane Easting
BH 11-267-27	35°02'28.23218"N	107°24'28.60074"W	1470574.528	2850422.053	5837.402	1471071.691	2850465.100
BH 11-267-28	35°03'12.52594"N	107°25'05.43115"W	1475039.647	2847341.084	5876.04	1475538.320	2847383.089
BH 11-267-29	35°02'03.14416"N	107°22'46.60243"W	1468075.533	2858914.440	5823.833	1468571.851	2858960.358
BH 11-267-30	35°02'57.36951"N	107°22'26.11877"W	1473565.413	2860592.501	5800.694	1474063.587	2860638.986
BH 11-267-31	35°01'22.32288"N	107°21'14.78960"W	1463984.260	2866568.873	6006.362	1464479.195	2866617.379
BH 11-267-32	35°02'30.78872"N	107°20'45.78927"W	1470917.711	2868946.914	5703.629	1471414.990	2868996.224

Project Control Specifications:	
Units:	US Survey Foot
Horizontal Datum:	NAD83
Vertical Datum:	NAVD88
Projection:	Transverse Mercator
State Plane and/or UTM Zone:	New Mexico West Zone (3003)
Basis of Bearing:	Grid Bearings
Project Combined Factor:	0.99966204
Modification Method Used:	NM State Plane coordinates about West Zone Origin (Northing = 0.0m, Easting = 830,000m)
Field Methodology:	RTK
Equipment Used:	Trimble GPS Equipment (4700, 5700, 5800 Dual Frequency Receivers)
Control Set Date:	December 12-15, 2010
Observation Date:	December 12-15, 2010
Adjustment/Publication Date:	January 7, 2011

DESIGNED BY: Behannan Huston  
PHONE: phone  
EMAIL: email

**UTILITY OWNERS**

Irma Bustamante  
New Mexico Gas Company  
1510 East Aztec  
Gallup, NM 87301  
505-697-6759

Jose Molina  
Continental Divide Electric Company  
P.O. Box 1087  
Grants, NM 87020  
505-285-6656

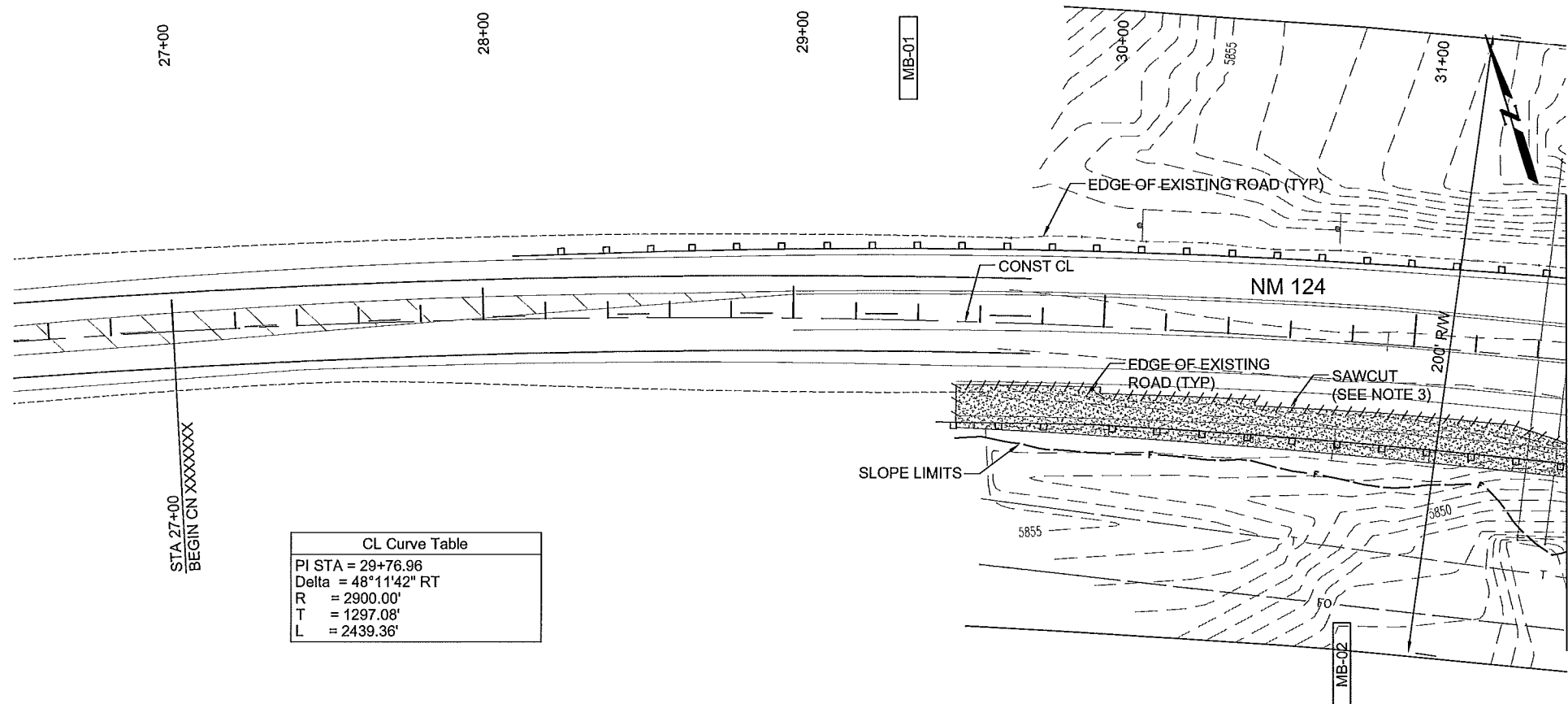
Neal Kie  
Pueblo of Laguna Water Authority  
P.O. Box 208  
Laguna, NM 87026  
505-552-9631

David Steen  
Indian Health Services  
AIHC-DEHE Department  
801 Vassar NE  
Albuquerque, NM 87106  
505-248-7807

Danny Stokes  
Century Link  
1205 Hwy 53  
Zuni, NM 87327  
P.O. Box 466  
505-782-5464

**UTILITY LEGEND**

----- G ----- GAS LINE  
----- W ----- WATER LINE  
----- SAS ----- SANITARY SEWER  
----- OHE ----- OVERHEAD ELECTRIC  
----- T ----- TELEPHONE  
----- FO ----- FIBER OPTIC



CL Curve Table	
PI STA = 29+76.96	
Delta = 48°11'42" RT	
R = 2900.00'	
T = 1297.08'	
L = 2439.36'	

**GENERAL NOTES:**

1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.
2. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM PROPOSED LIP OF GUTTER. PAVEMENT SHALL BE REPLACED IN KIND AND SHALL BE CONSIDERED INCIDENTAL TO PLACEMENT OF CURB & GUTTER.
3. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM EXISTING EDGE OF ROAD.

NOTE: ALL CURVES ON THIS PROJECT ARE BASED ON THE ARC DEFINITION.

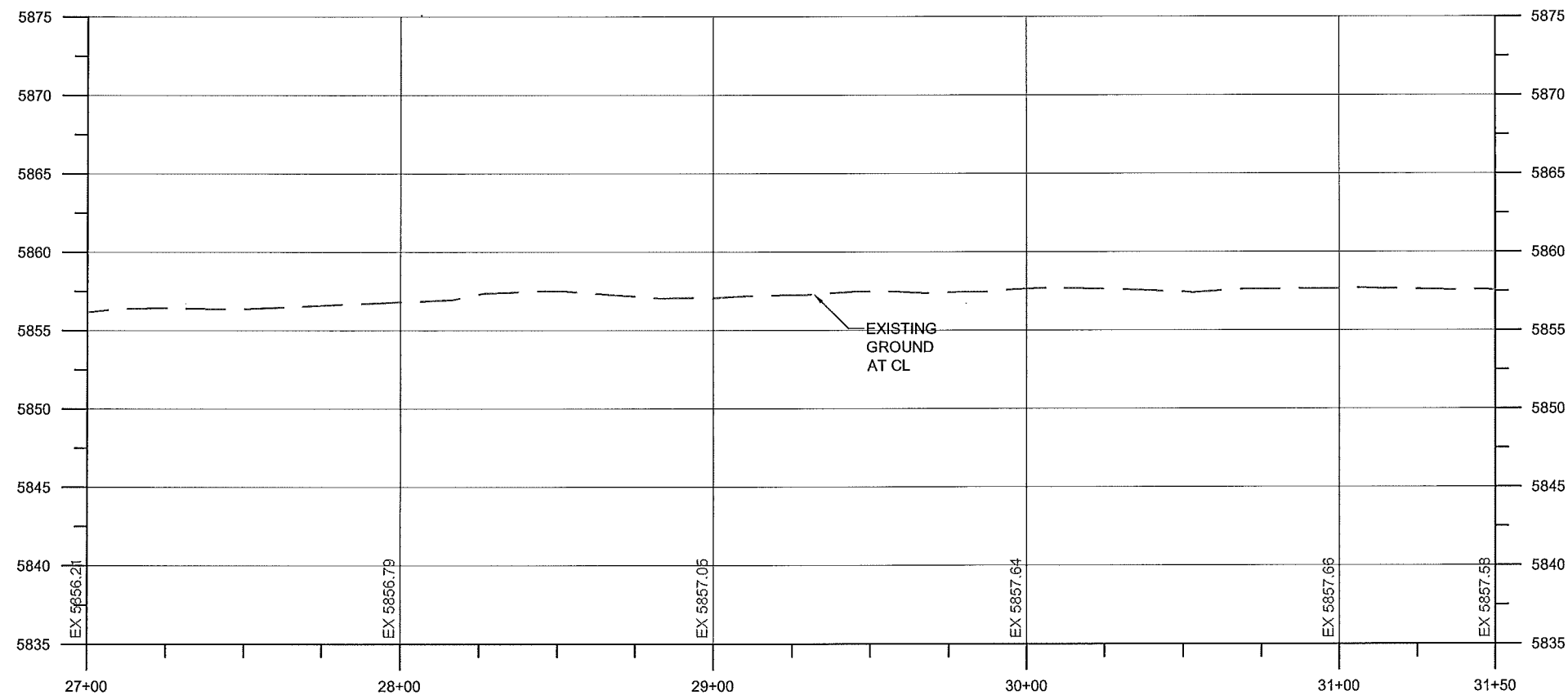
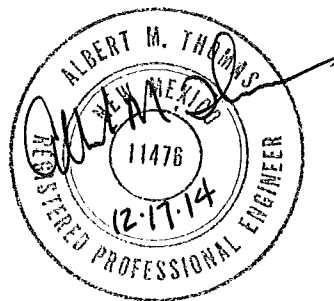
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HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'

**GENERAL NOTES FOR PROFILE DATA**

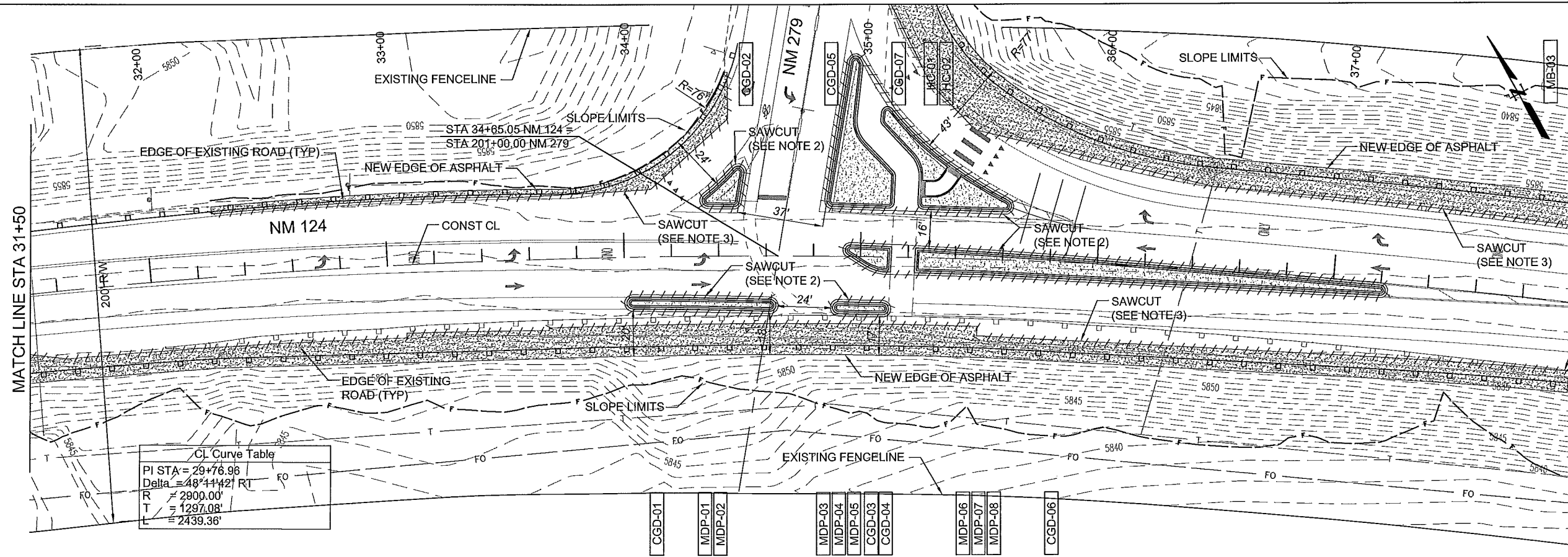
1. PROFILE GRADE IS NOT PROVIDED FOR NEW CONSTRUCTION. REFER TO POINT TABLES FOR CONSTRUCTION STAKING.
2. STRUCTURE INVERTS SHOWN DENOTE THE INVERT ELEVATION AT THE PROPOSED PROFILE GRADE.
3. ELEVATION LABELS AT THE BOTTOM OF THE PROFILE GRID ON EACH SHEET DENOTE EXISTING GROUND AT CENTERLINE AND PROPOSED GRADE AT CENTERLINE.

**LEGEND**

CGD-XX CURB & GUTTER, TYPE "D"  
HC-XX HEADER CURB  
MDP-XX MEDIAN PAVEMENT 6"  
MB-XX METAL BARRIER  
CWB-XX CONCRETE WALL BARRIER  
DS-XX DRAINAGE STRUCTURE  
MH-XX MANHOLE  
MDI-XX MEDIAN DROP INLET  
CDI-XX CURB DROP INLET  
TO-XX TURNOUT  
DITCH FLOWLINE  
CUT SLOPE LIMIT  
FILL SLOPE LIMIT  
SAWCUT LINE



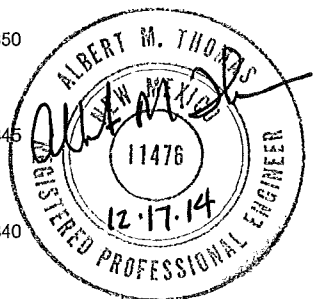
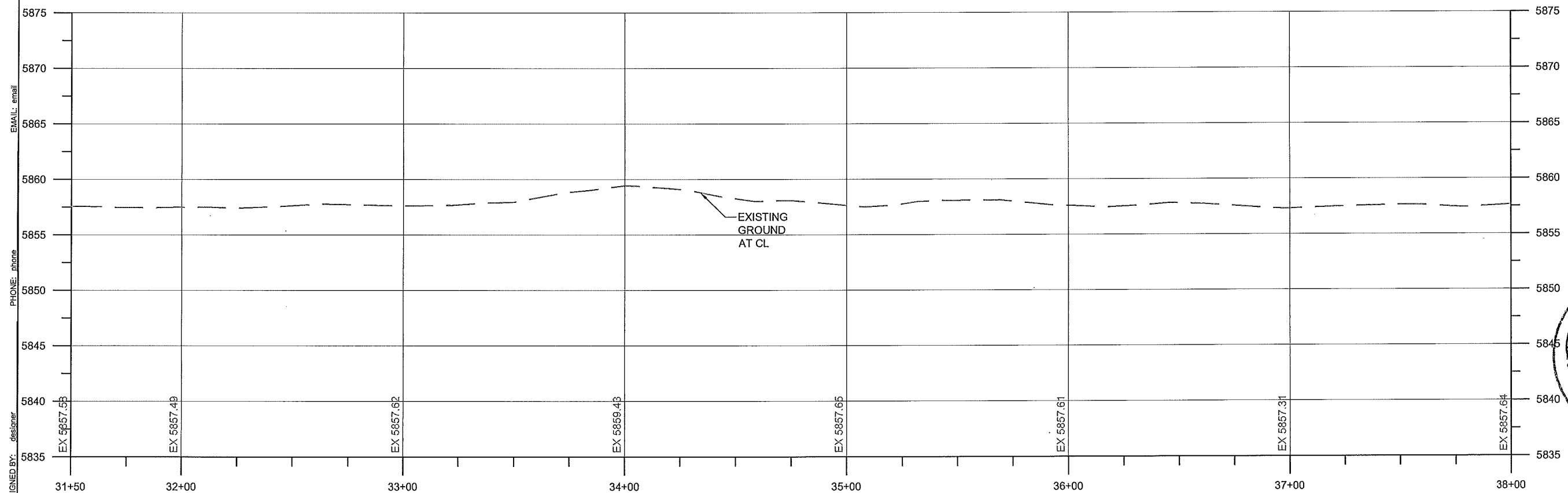
PLAN & PROFILE  
STA 27+00-31+50



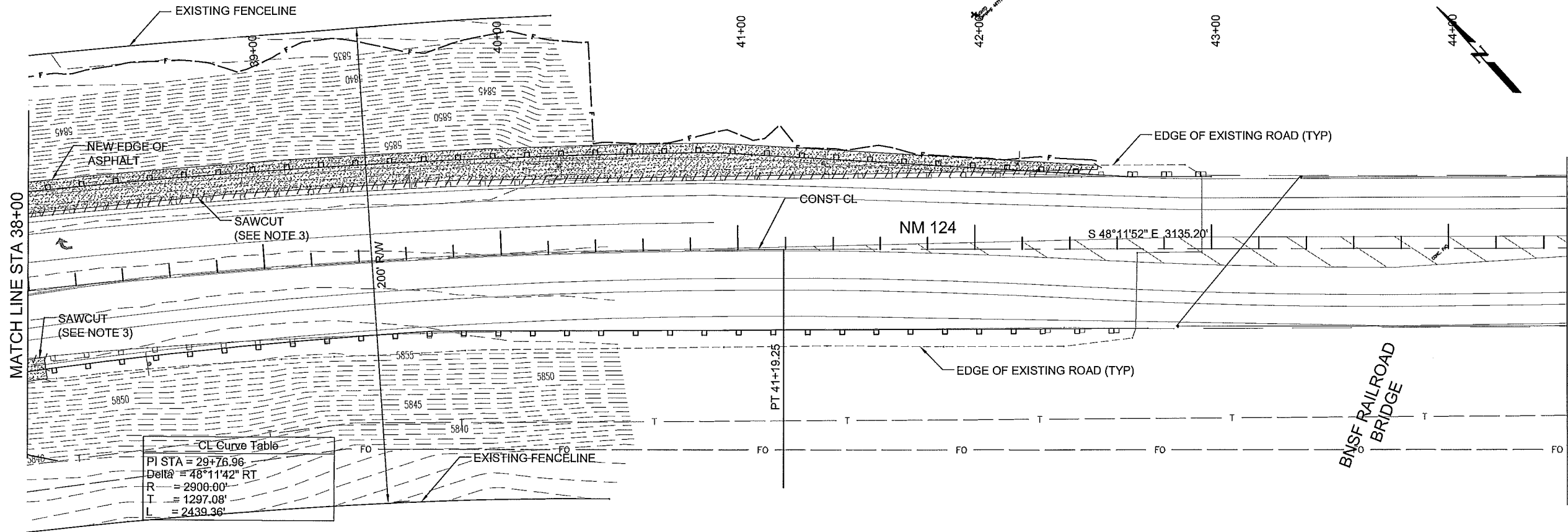
**GENERAL NOTES:**

1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.
2. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM PROPOSED LIP OF GUTTER. PAVEMENT SHALL BE REPLACED IN KIND AND SHALL BE CONSIDERED INCIDENTAL TO PLACEMENT OF CURB & GUTTER.
3. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM EXISTING EDGE OF ROAD.

PLAN DRAWING SCALE: 1"=50'  
 HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'



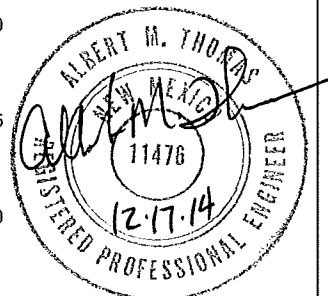
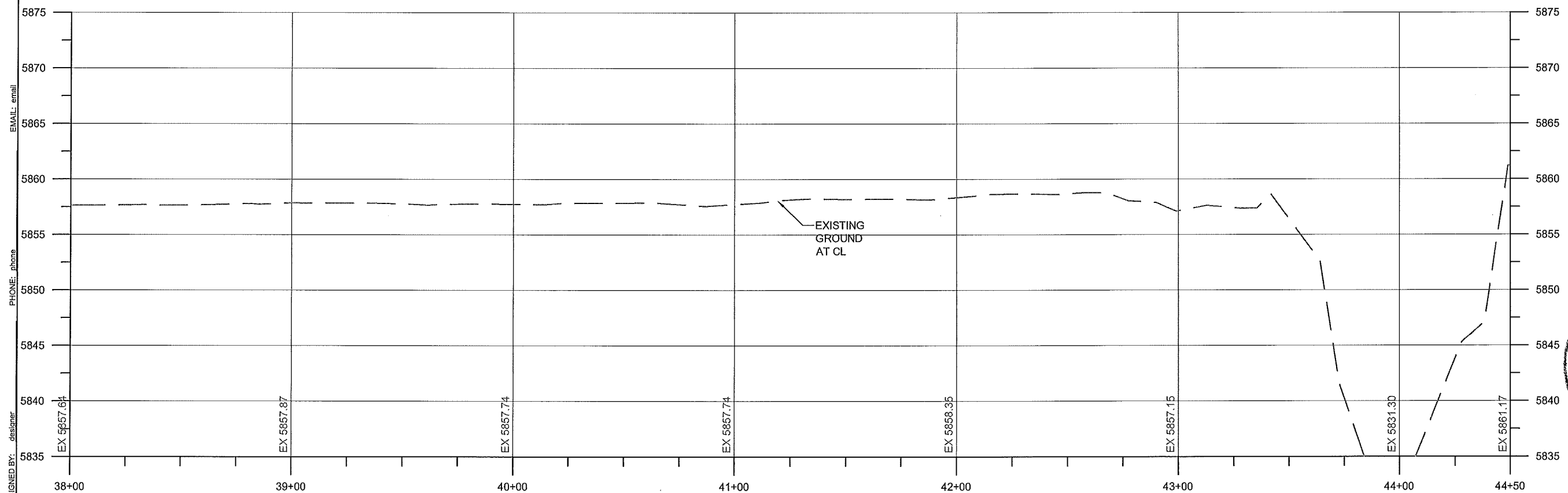
PLAN & PROFILE  
 STA 31+50-38+00



**GENERAL NOTES:**

1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.
2. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM PROPOSED LIP OF GUTTER. PAVEMENT SHALL BE REPLACED IN KIND AND SHALL BE CONSIDERED INCIDENTAL TO PLACEMENT OF CURB & GUTTER.
3. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM EXISTING EDGE OF ROAD.

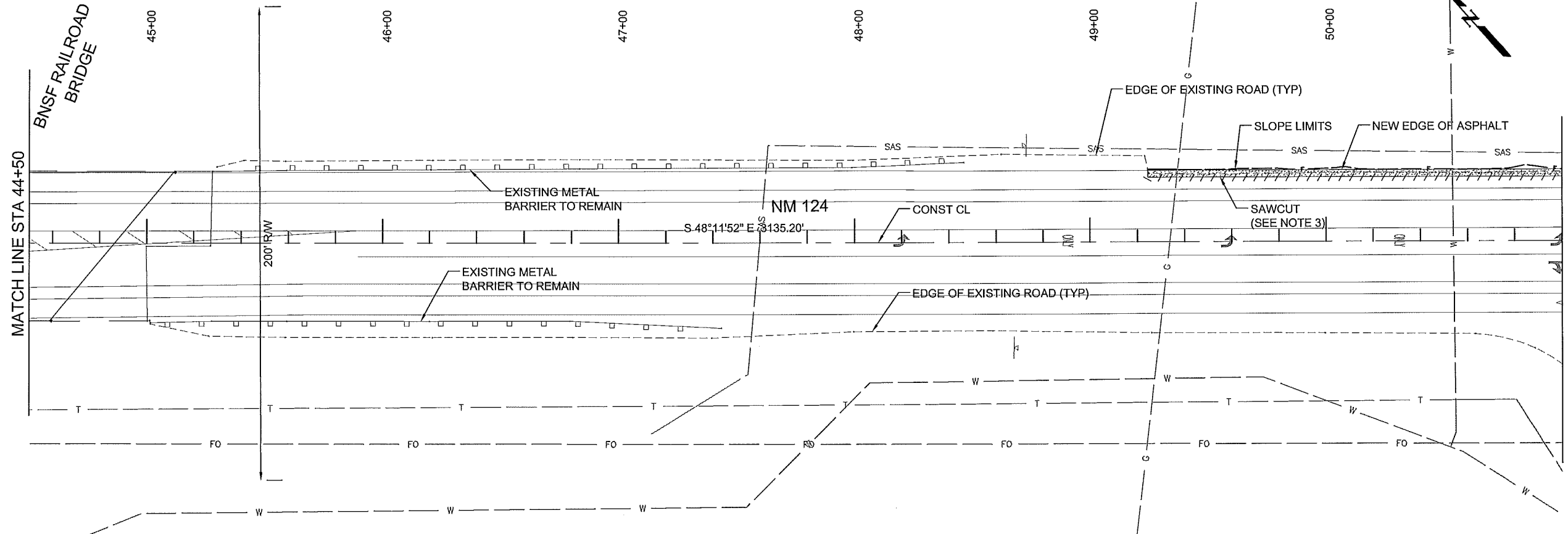
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HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'



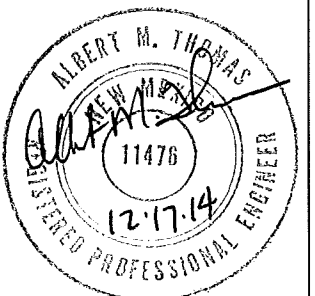
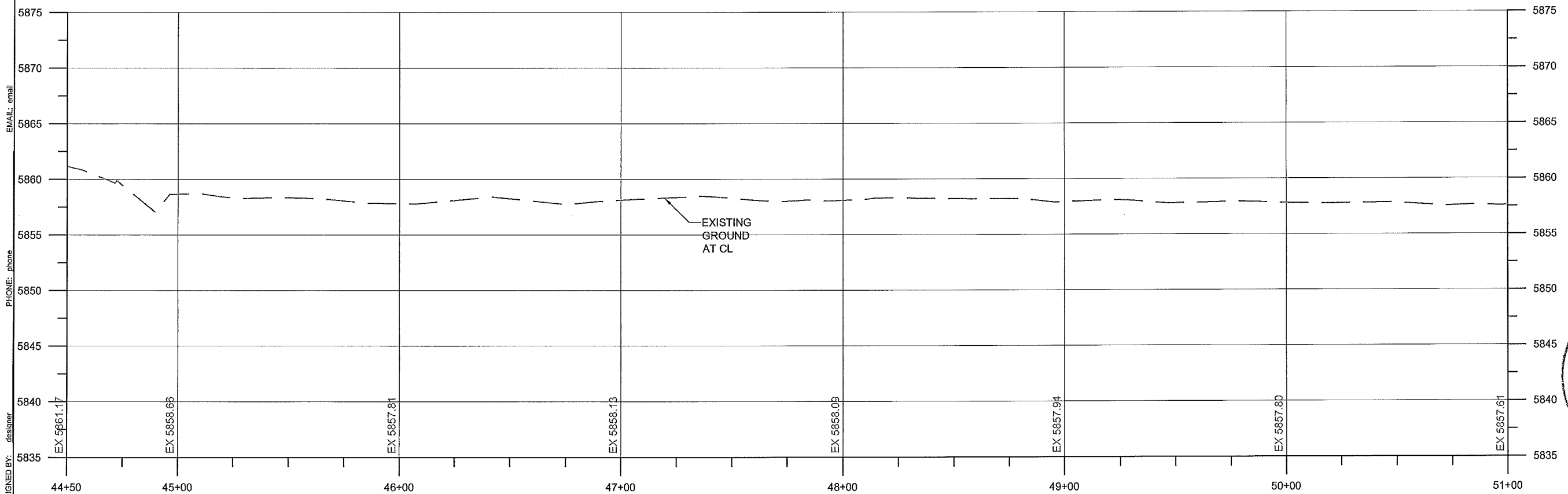
PLAN & PROFILE  
STA 38+00-44+50

GENERAL NOTES:

1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.
2. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM PROPOSED LIP OF GUTTER. PAVEMENT SHALL BE REPLACED IN KIND AND SHALL BE CONSIDERED INCIDENTAL TO PLACEMENT OF CURB & GUTTER.
3. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM EXISTING EDGE OF ROAD.

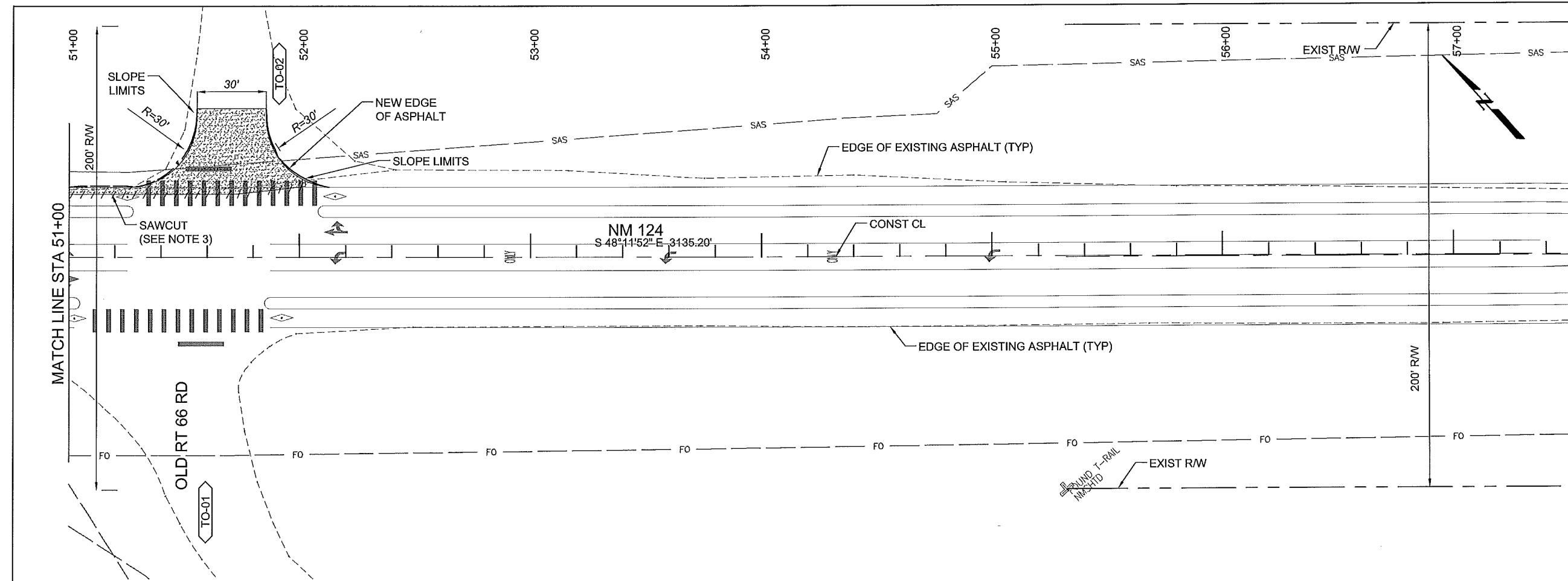


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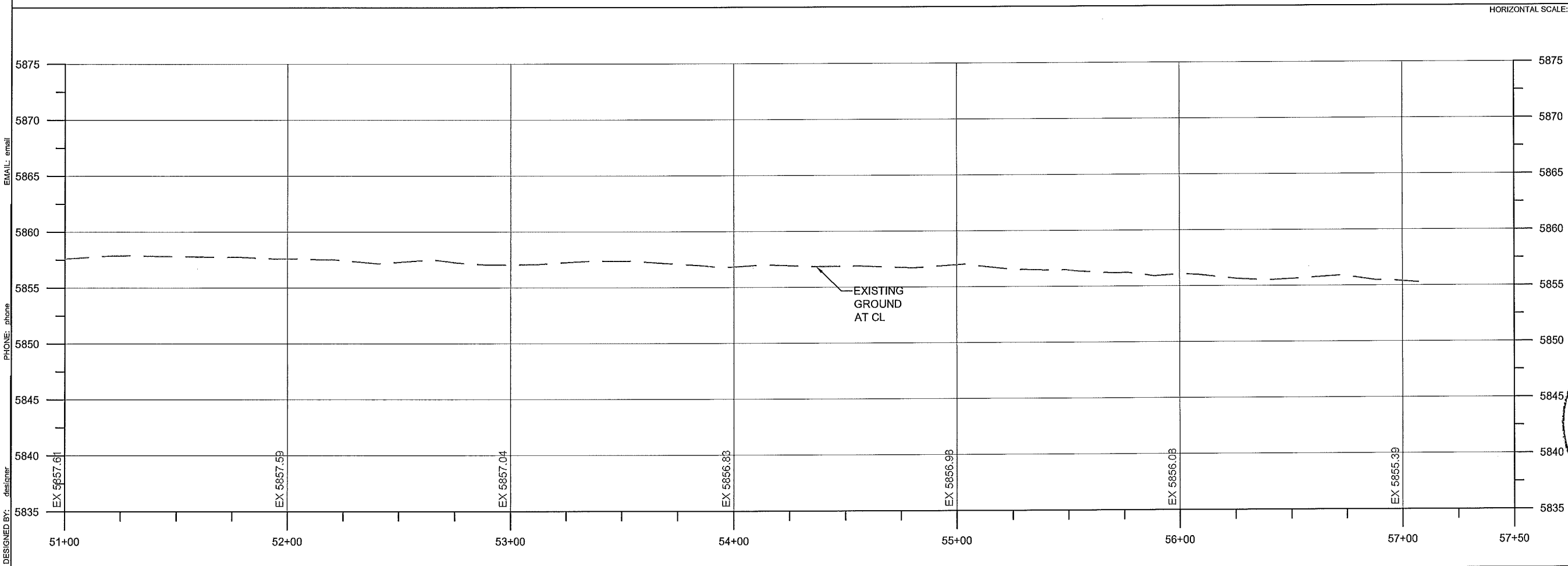
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STA 44+50-51+00



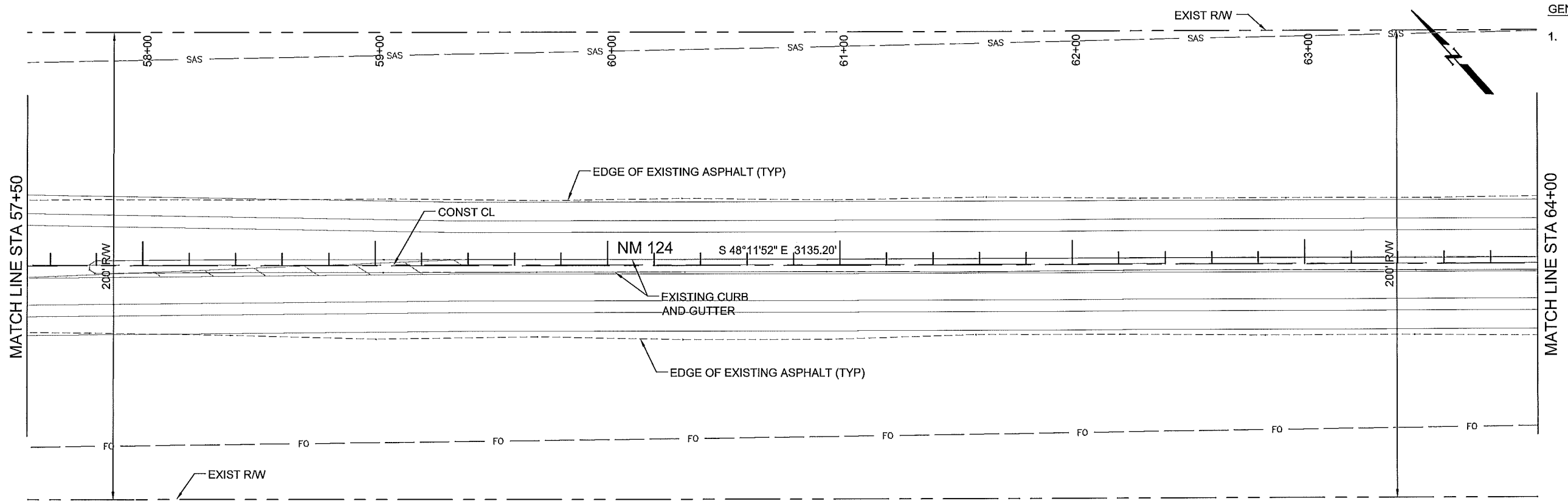


- GENERAL NOTES:**
1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.
  2. SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM PROPOSED LIP OF GUTTER. PAVEMENT SHALL BE REPLACED IN KIND AND SHALL BE CONSIDERED INCIDENTAL TO PLACEMENT OF CURB & GUTTER.
- SAWCUT LINES SHALL BE A MINIMUM 1' OFFSET FROM EXISTING EDGE OF ROAD.

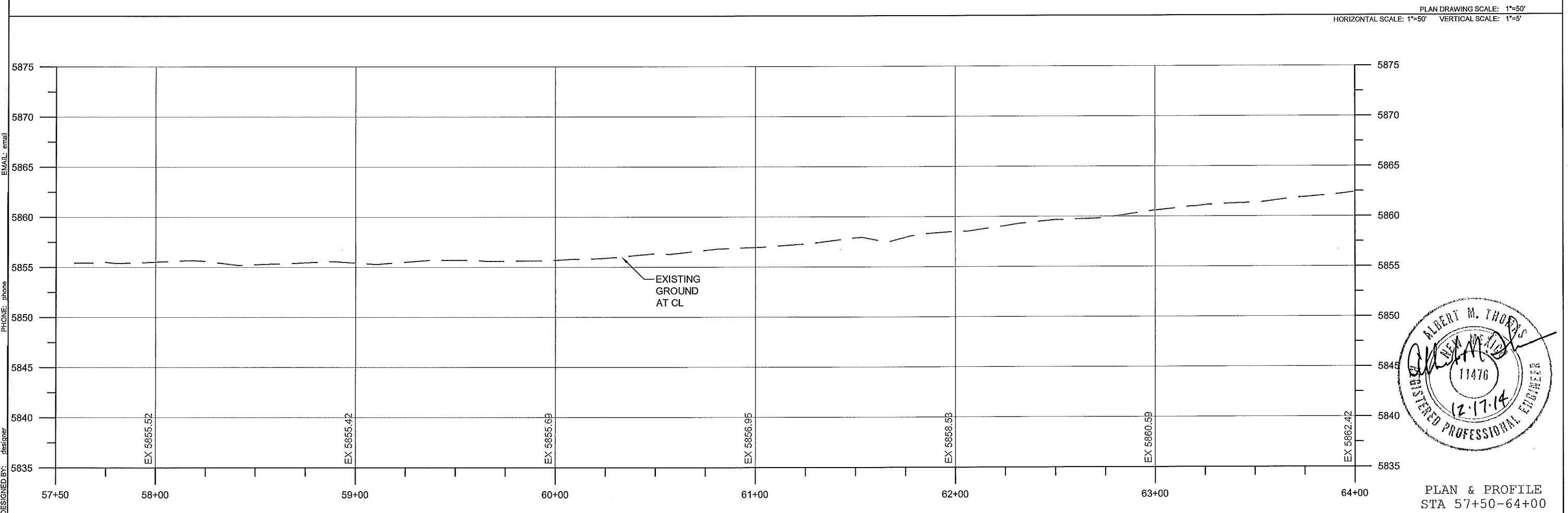
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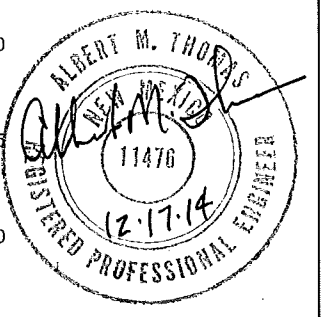
PLAN & PROFILE  
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GENERAL NOTES:  
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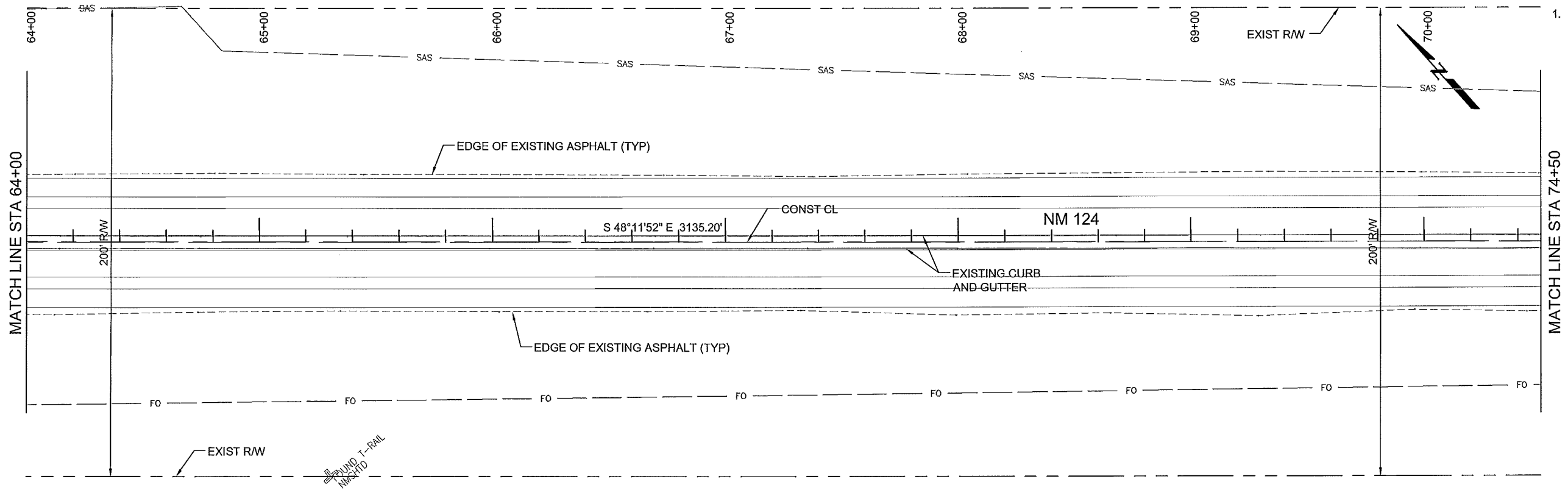
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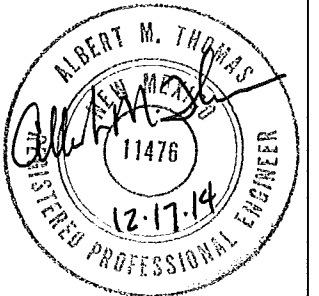
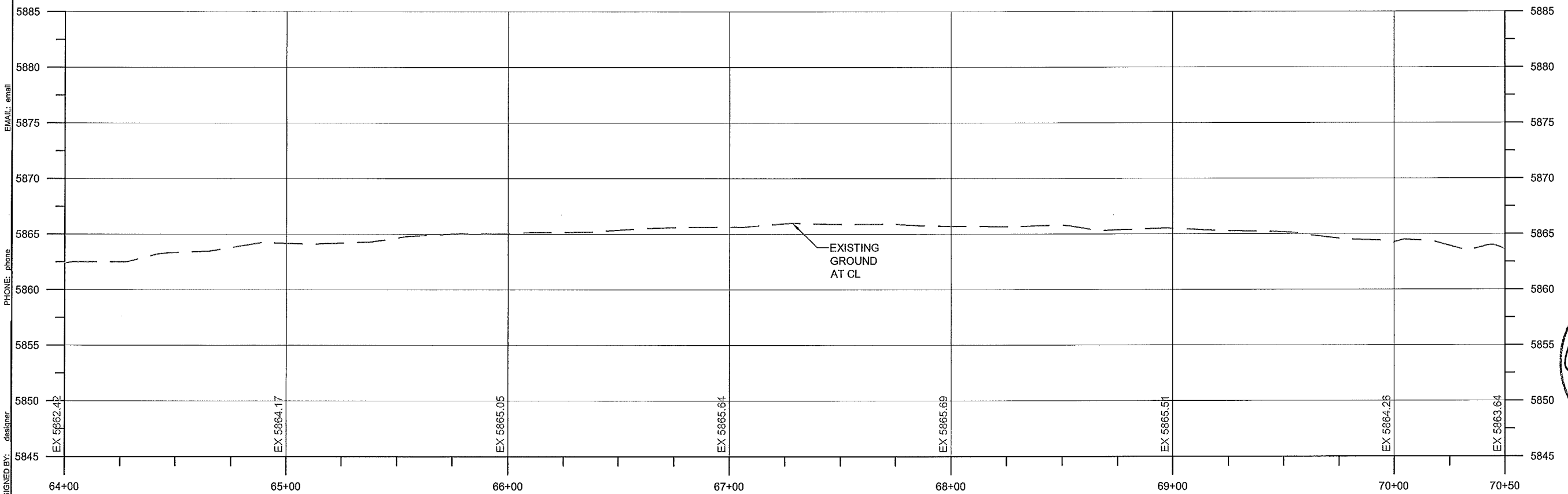
PLAN & PROFILE  
STA 57+50-64+00

GENERAL NOTES:

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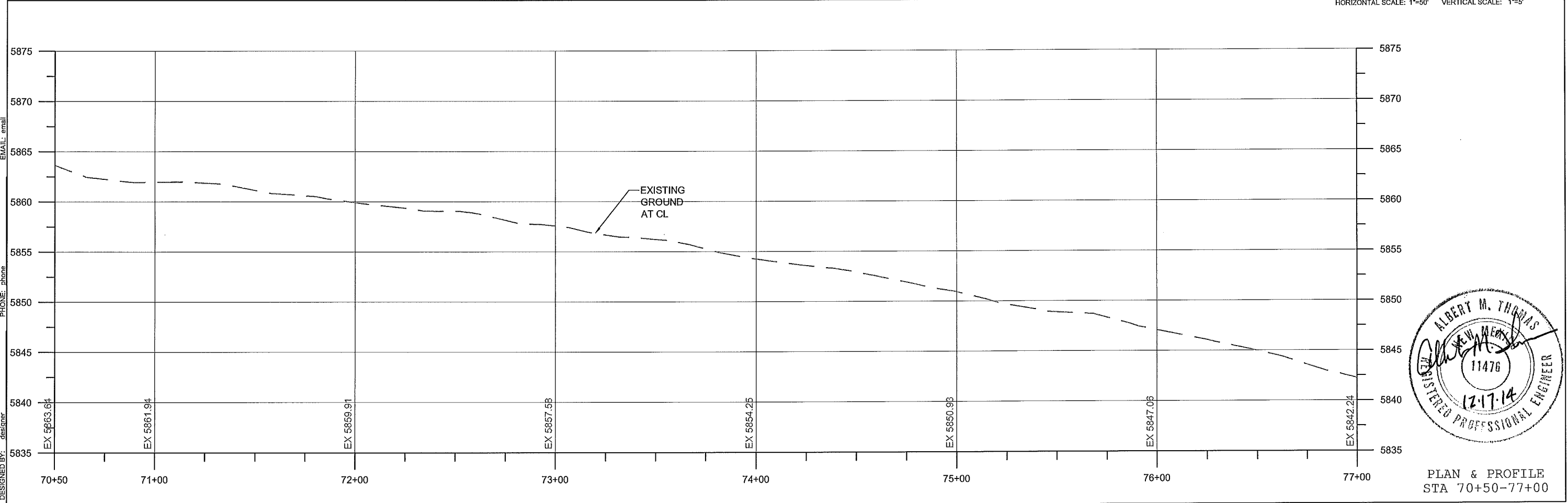
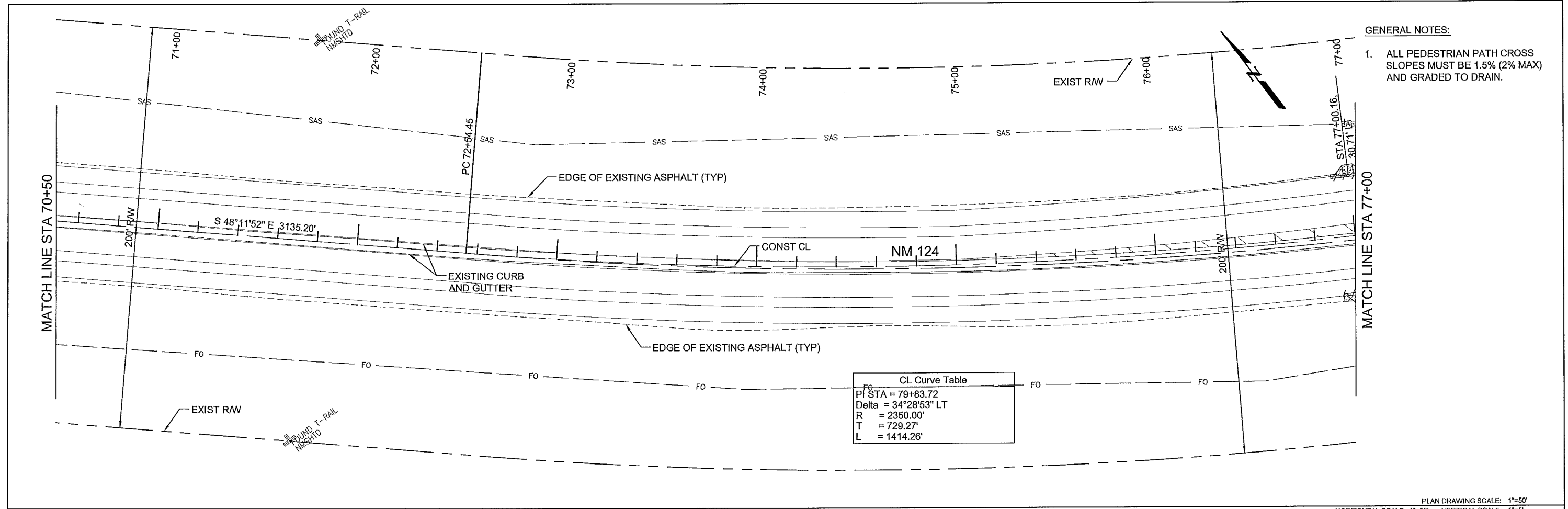


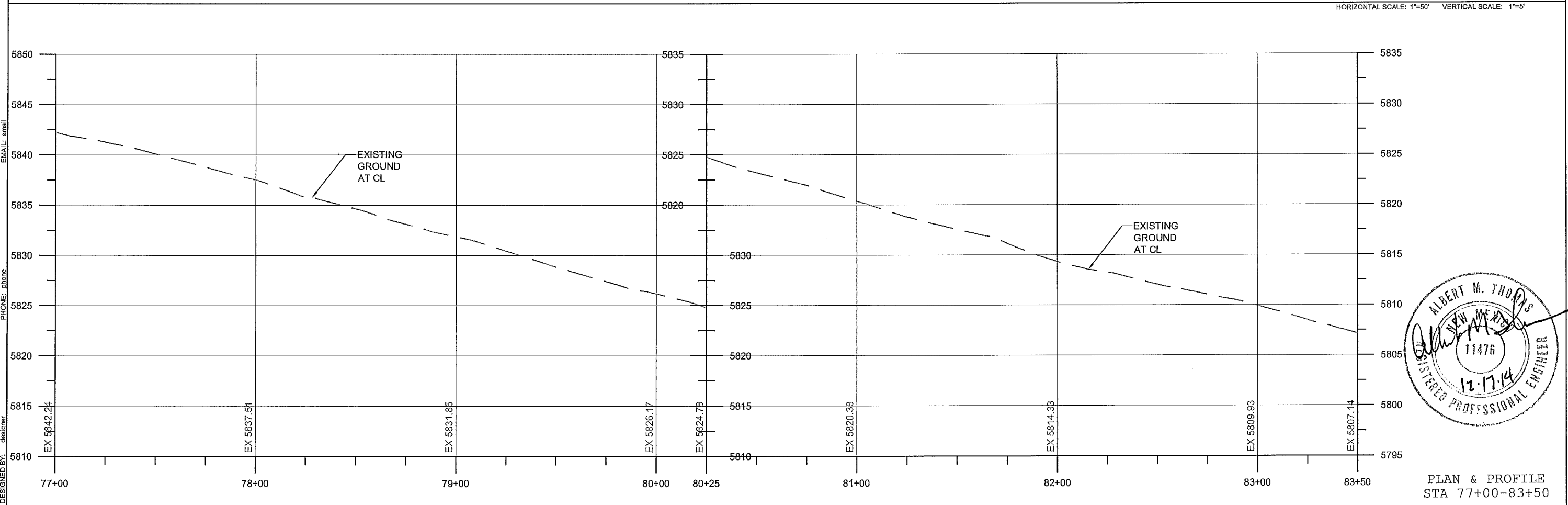
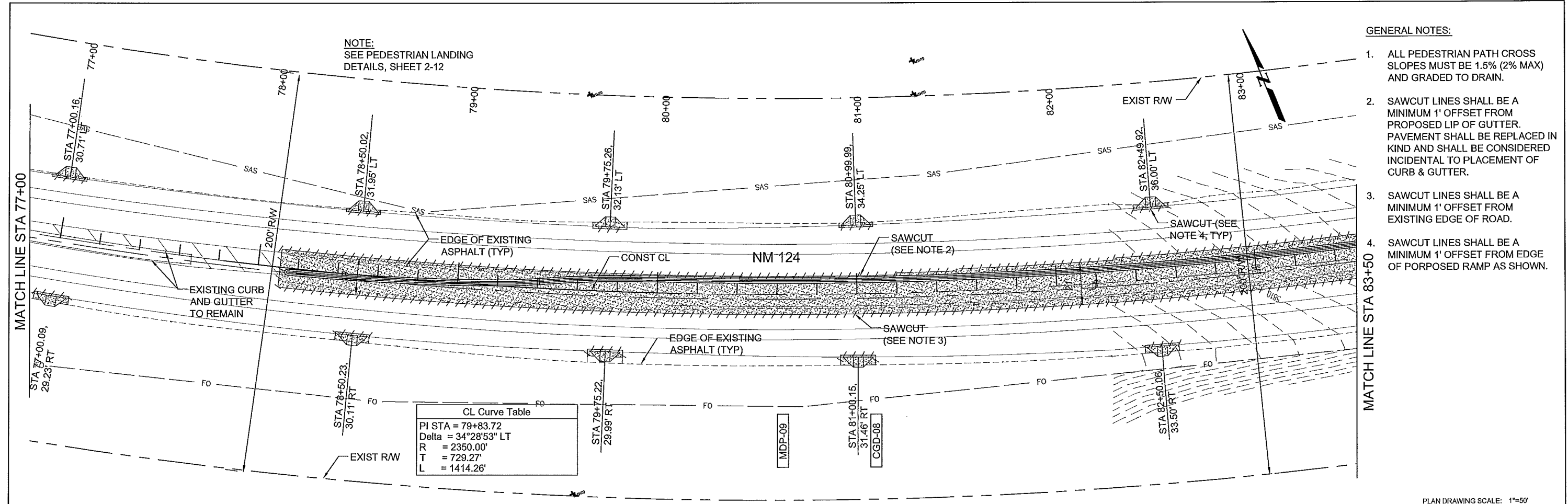
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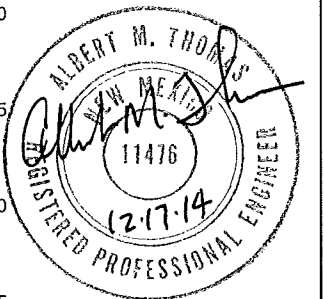
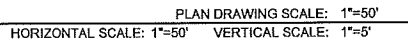


PLAN & PROFILE  
STA 64+00-70+50

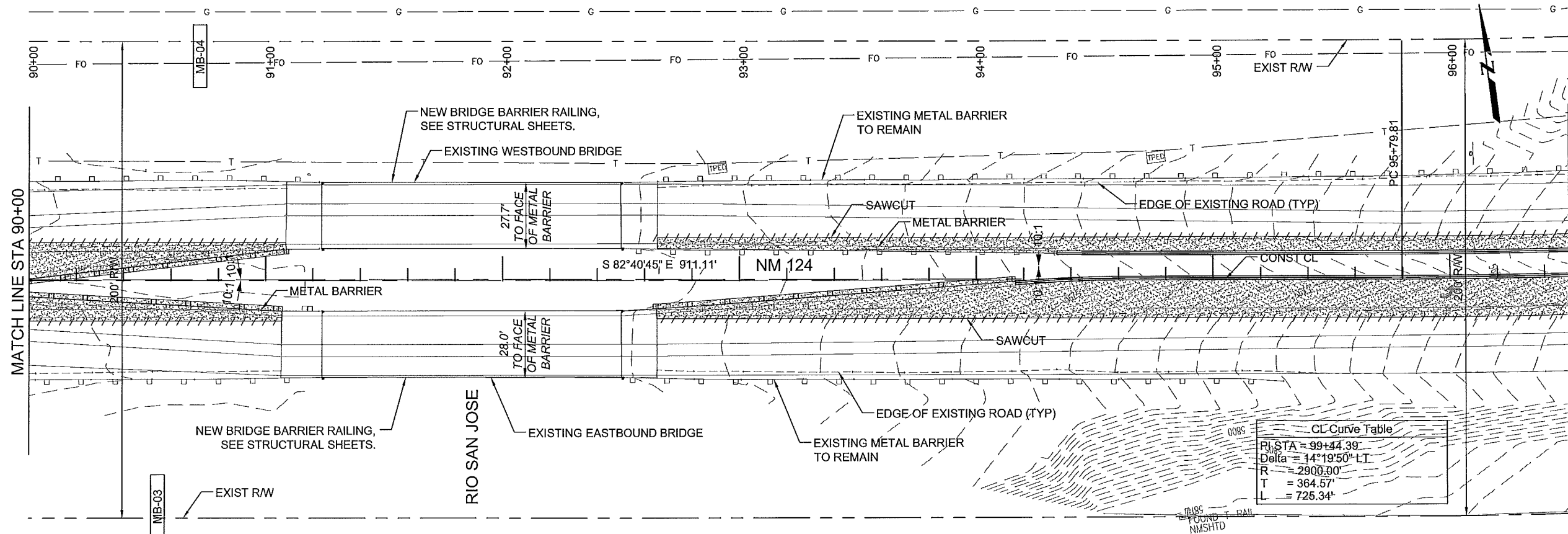
DESIGNED BY: designer  
PHONE: phone  
EMAIL: email



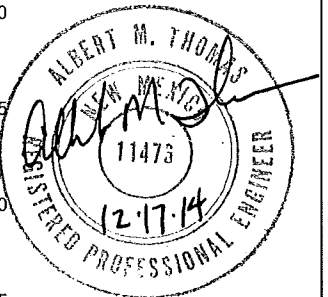
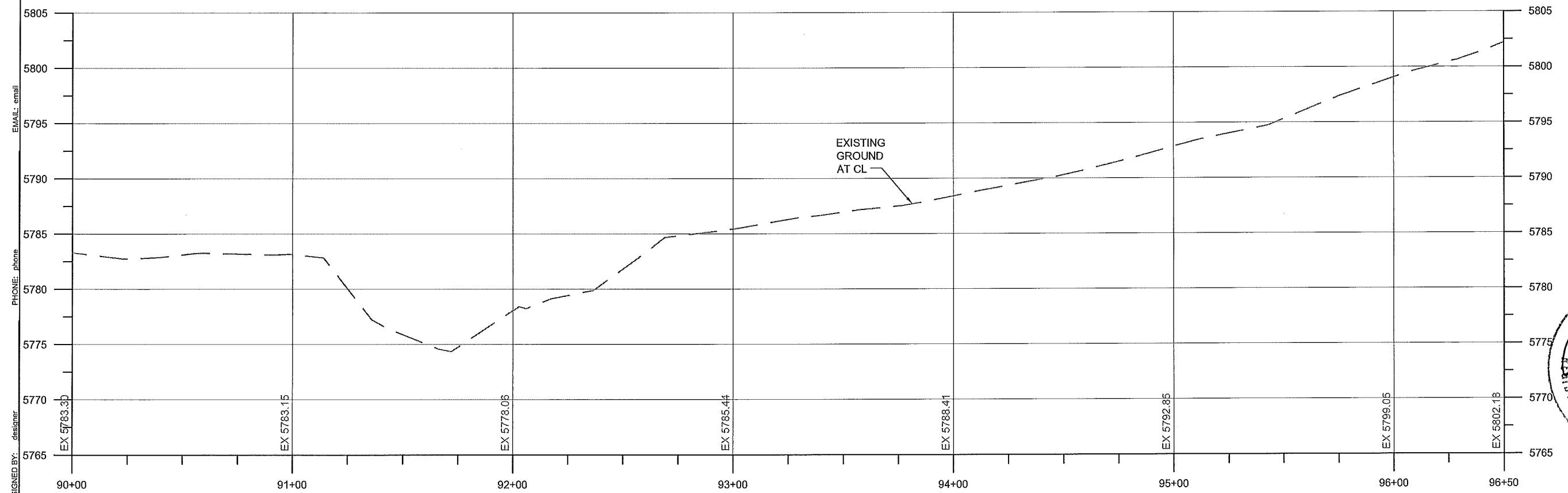




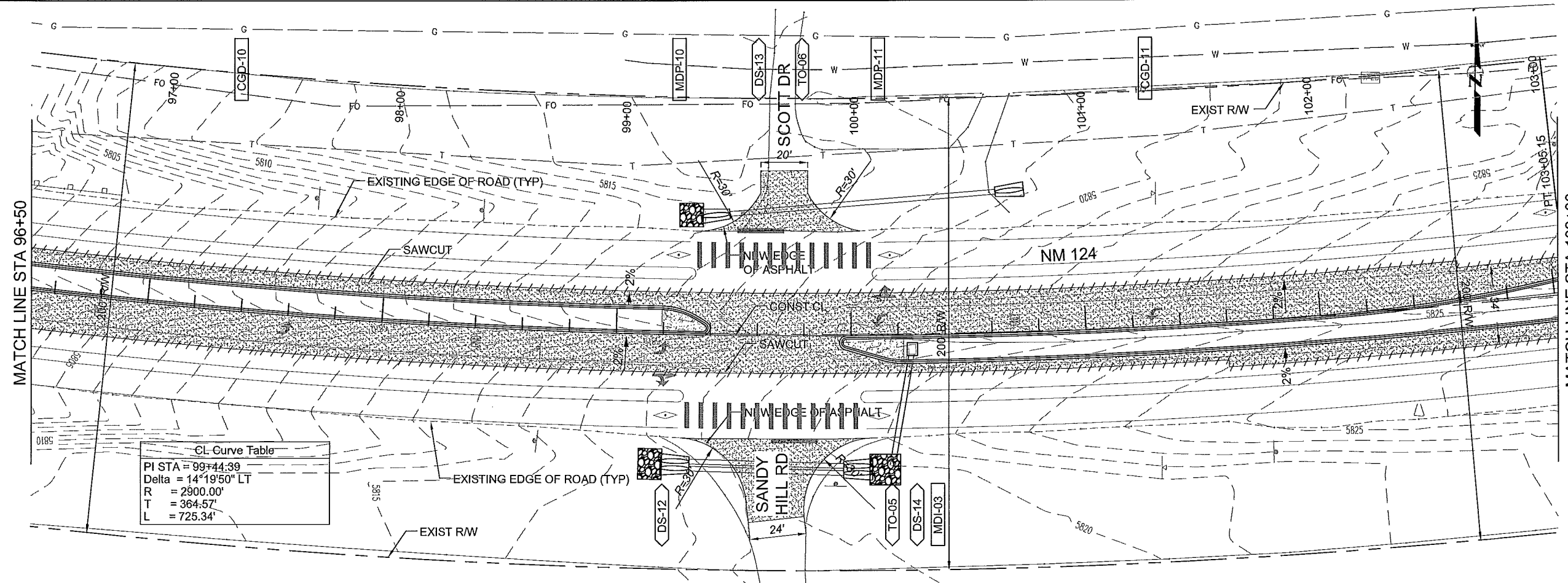
SHEET NO. 3 - 10



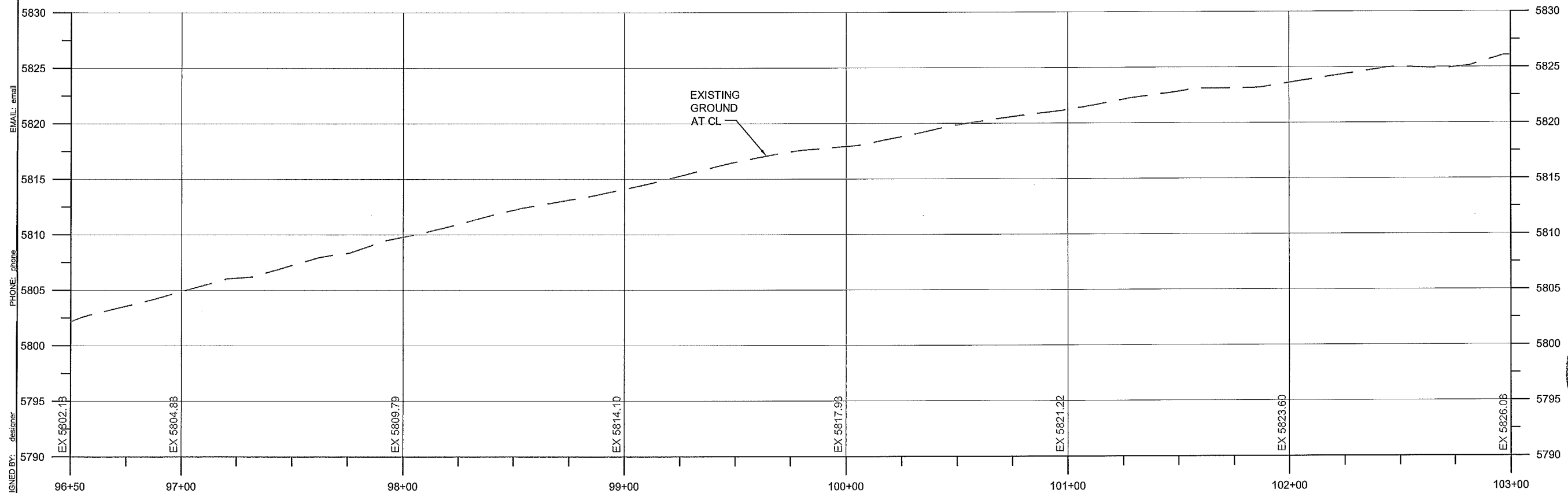
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PLAN & PROFILE  
STA 90+00-96+50



PLAN DRAWING SCALE: 1"=50'  
 HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'

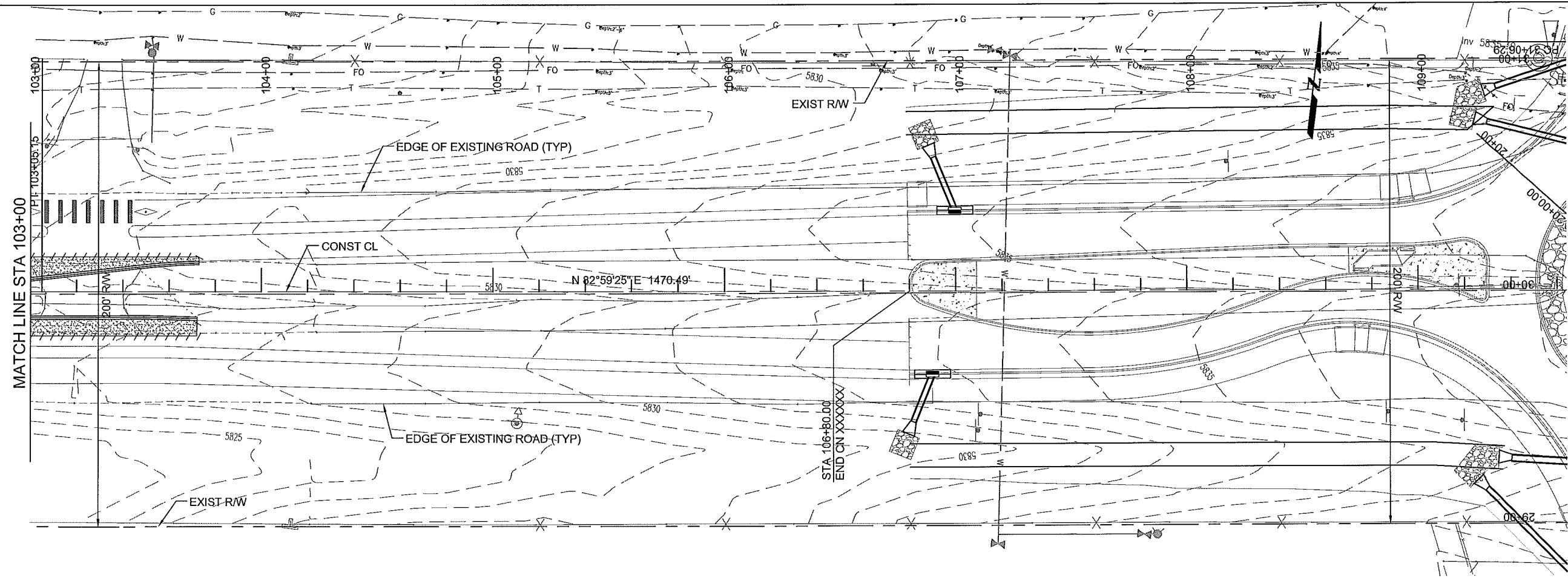


PLAN & PROFILE  
 STA 96+50-103+00

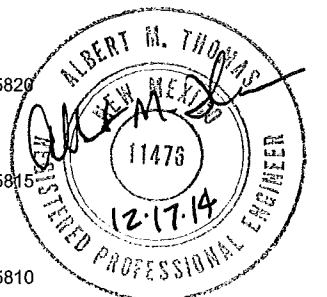
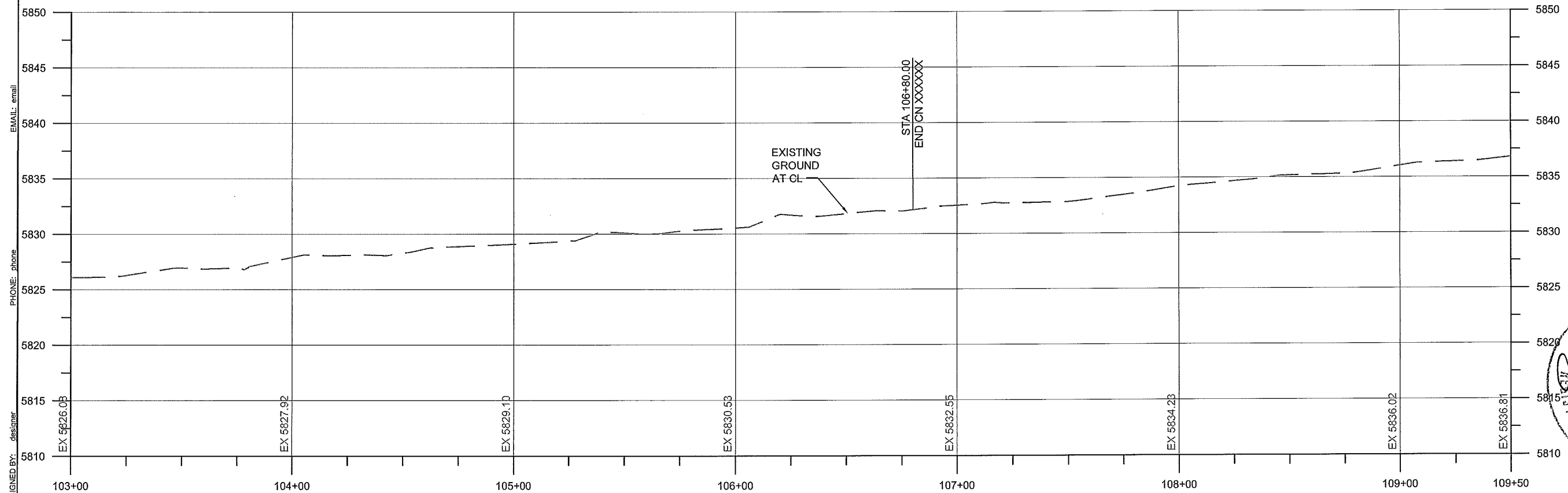


GENERAL NOTES:

1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.



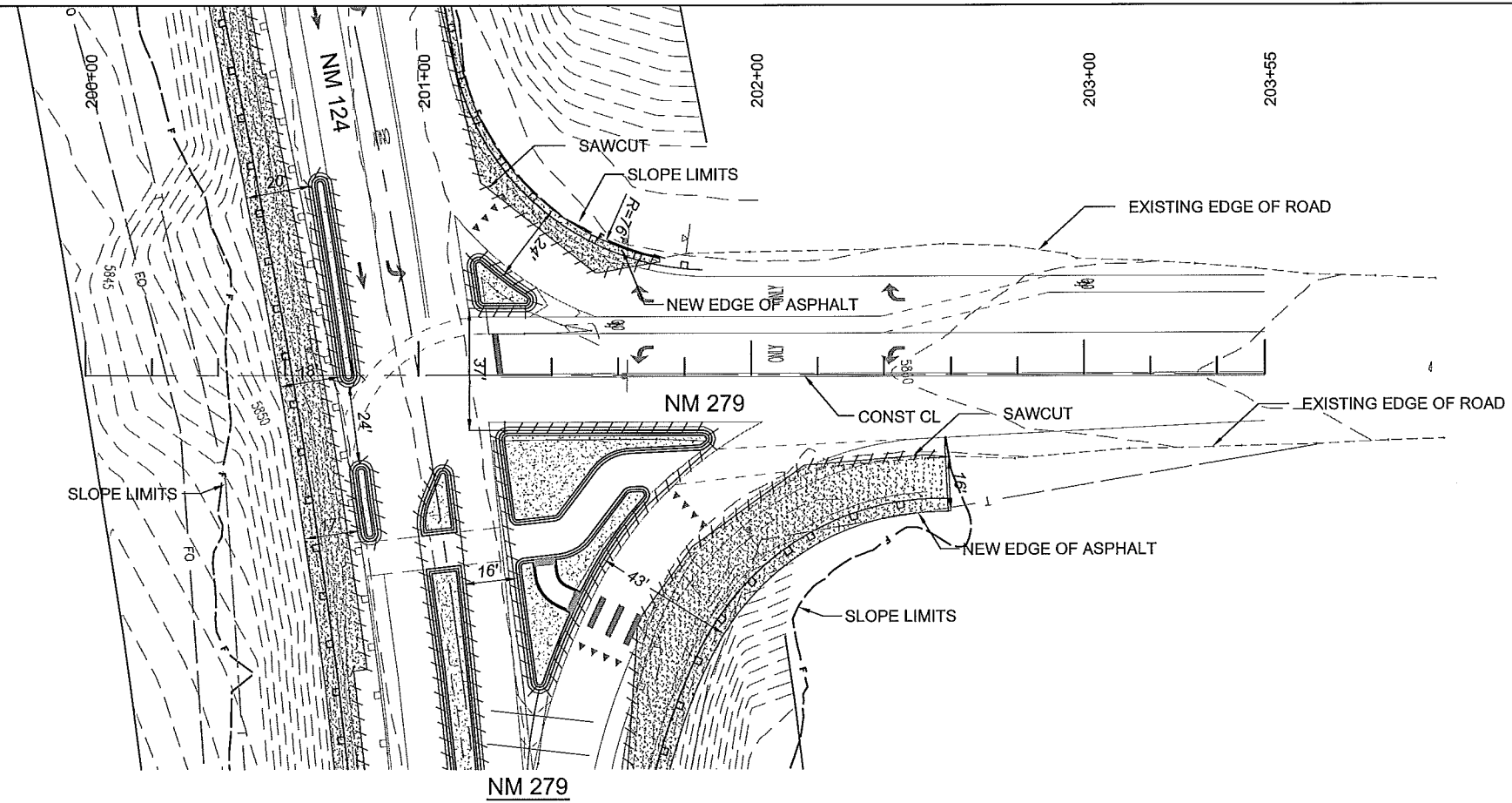
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HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'



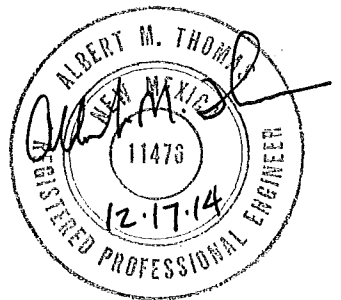
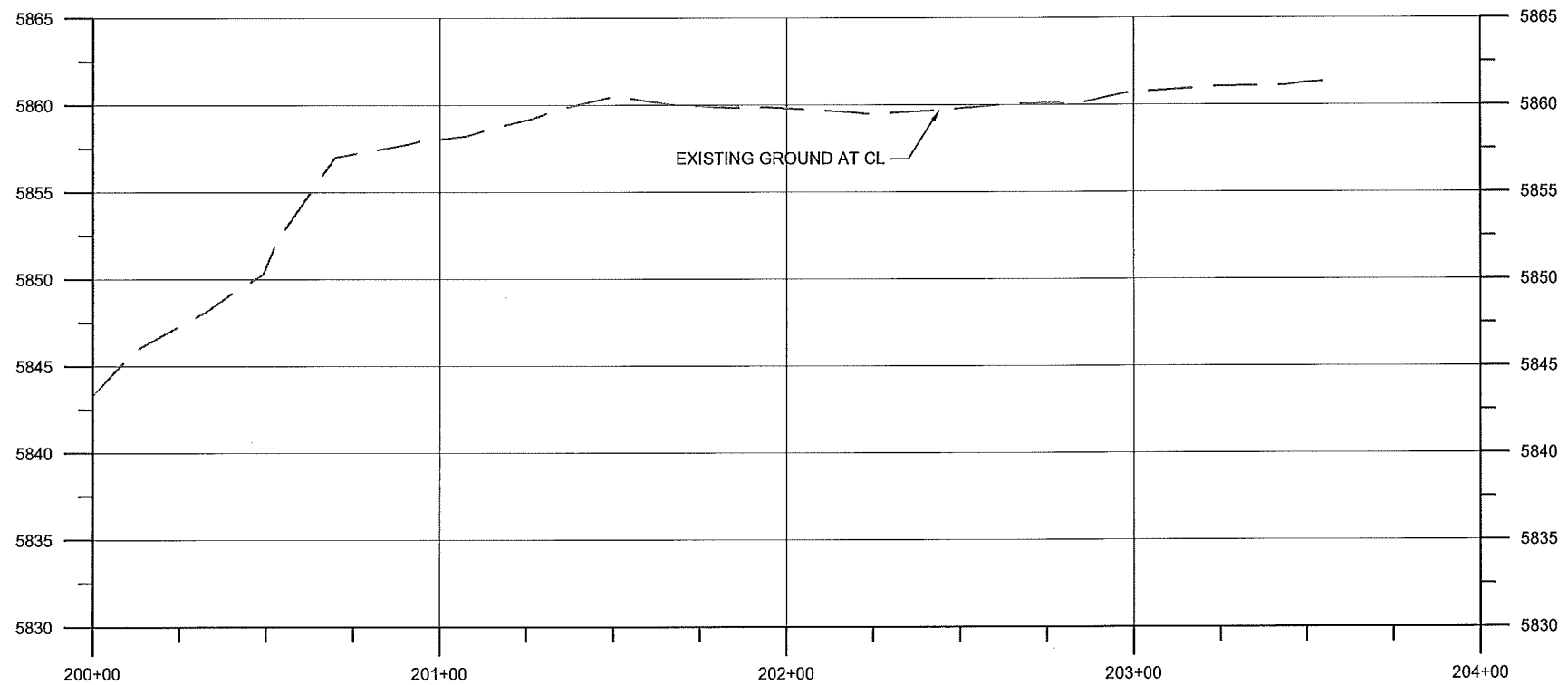
PLAN & PROFILE  
STA 103+00-109+50

GENERAL NOTES:

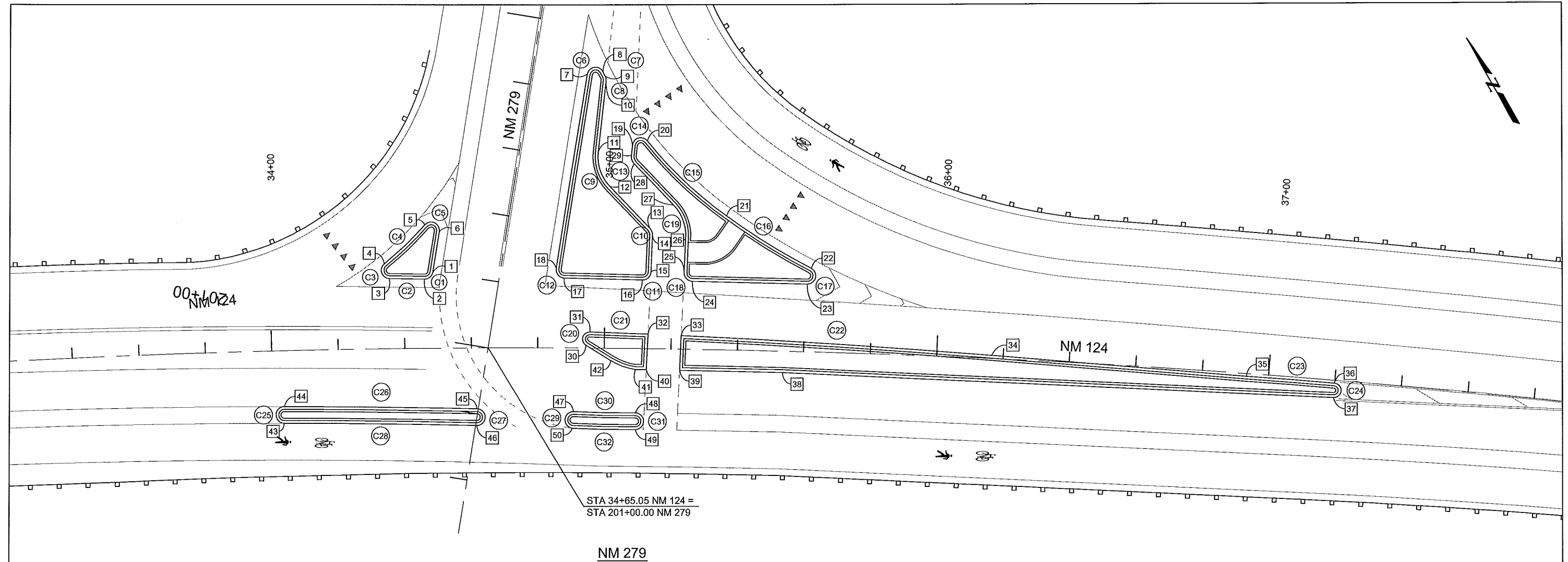
1. ALL PEDESTRIAN PATH CROSS SLOPES MUST BE 1.5% (2% MAX) AND GRADED TO DRAIN.



PLAN DRAWING SCALE: 1"=50'  
HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=5'



PLAN & PROFILE  
STA 200+00-203+55



NM 279

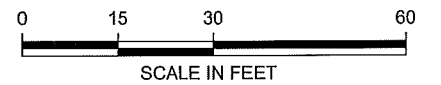
Curve Table				
ID	DELTA	RADIUS	TANGENT	ARC
C1	81°49'34"	2.50'	2.17'	3.57'
C2	00°14'29"	2507.67'	5.28'	10.56'
C3	140°25'18"	2.50'	6.95'	6.13'
C4	09°38'31"	100.50'	8.48'	16.91'
C5	147°38'10"	2.50'	8.62'	6.44'
C6	144°06'58"	2.50'	7.72'	6.29'
C7	00°42'02"	119.06'	0.73'	1.46'
C8	33°45'40"	2.50'	0.76'	1.47'
C9	50°01'13"	13.00'	6.06'	11.35'
C10	46°08'59"	3.00'	1.28'	2.42'
C11	89°05'17"	2.50'	2.46'	3.89'
C12	97°44'10"	2.50'	2.86'	4.26'
C13	50°01'13"	3.00'	1.40'	2.62'
C14	135°04'12"	2.50'	6.05'	5.89'
C15	15°49'37"	119.06'	16.55'	32.89'
C16	07°58'03"	216.38'	15.07'	30.09'
C17	153°48'01"	2.50'	10.74'	6.71'
C18	90°54'48"	2.50'	2.54'	3.97'
C19	46°08'59"	13.00'	5.54'	10.47'
C20	150°31'18"	2.17'	8.24'	5.69'
C21	00°23'59"	2493.17'	8.69'	17.39'
C22	02°09'00"	2493.17'	46.78'	93.55'
C23	00°58'30"	1562.32'	13.29'	26.59'
C24	177°39'17"	2.17'	105.85'	6.72'
C25	180°00'00"	2.50'	-----	7.85'
C26	01°20'36"	2469.17'	28.95'	57.89'
C27	180°00'00"	2.50'	-----	7.85'
C28	01°20'36"	2464.17'	28.89'	57.77'
C29	180°00'00"	2.50'	-----	7.85'
C30	03°02'15"	348.68'	9.24'	18.48'
C31	180°00'00"	2.50'	-----	7.85'
C32	03°03'28"	348.61'	9.30'	18.61'

Point Table				
□	STATION	OFFSET	DESCRIPTION	ELEVATION
1	34+48.63	22.79' LT	PC	5858.91
2	34+46.12	20.71' LT	PTC	5858.85
3	34+35.64	20.99' LT	PCC	5859.31
4	34+34.17	25.45' LT	PCT	5859.41
5	34+46.39	36.98' LT	PCC	5859.60
6	34+50.66	34.89' LT	PT	5859.52
7	34+94.34	82.07' LT	PC	5859.75
8	34+98.90	82.84' LT	PCC	5859.57
9	34+99.56	81.55' LT	PCC	5859.58
10	34+99.83	80.13' LT	PT	5859.62
11	34+97.71	58.76' LT	PC	5860.59
12	35+01.27	48.38' LT	PT	5860.84
13	35+13.13	36.08' LT	PC	5860.84
14	35+13.98	33.89' LT	PT	5860.60
15	35+13.67	22.93' LT	PC	5859.42
16	35+11.16	20.51' LT	PT	5859.25
17	34+87.82	20.92' LT	PC	5859.10
18	34+85.49	23.87' LT	PT	5859.33
19	35+07.77	60.93' LT	PC	5860.23
20	35+12.10	62.27' LT	PRC	5860.04
21	35+35.87	40.14' LT	PCC	5860.46
22	35+61.56	25.00' LT	PCC	5859.35
23	35+60.48	20.26' LT	PT	5859.26
24	35+26.06	20.34' LT	PC	5859.31
25	35+23.60	22.90' LT	PT	5859.47

Point Table				
□	STATION	OFFSET	DESCRIPTION	ELEVATION
26	35+23.87	33.62' LT	PC	5860.26
27	35+20.16	43.10' LT	PT	5860.59
28	35+08.29	55.37' LT	PC	5860.46
29	35+07.47	57.76' LT	PT	5860.38
30	34+94.51	0.82' LT	PC	5857.80
31	34+95.69	4.84' LT	PRC	5858.02
32	35+13.05	4.33' LT	POC	5857.74
33	35+23.02	4.02' LT	POC	5858.03
34	36+16.44	0.91' LT	PT	5857.51
35	36+93.30	0.83' RT	PC	5857.31
36	37+19.89	0.86' RT	PCC	5857.43
37	37+19.96	5.19' RT	PT	5857.22
38	35+53.74	6.39' RT	PC	5857.85
39	35+22.70	6.35' RT	POC	5857.62
40	35+12.66	6.30' RT	POC	5857.51
41	35+09.39	6.27' RT	PRC	5857.47
42	35+02.02	3.71' RT	PT	5857.41
43	34+03.36	21.73' RT	PC	5857.23
44	34+03.48	16.73' RT	PT	5857.73
45	34+61.70	18.22' RT	PC	5857.43
46	34+61.56	23.21' RT	PT	5857.23
47	34+90.97	19.03' RT	PC	5857.03
48	35+09.57	19.27' RT	PT	5857.26
49	35+09.58	24.27' RT	PC	5856.95
50	34+90.60	24.02' RT	PT	5856.81

## NOTES:

- POINTS ARE TO LIP OF GUTTER
- MATCH EXISTING ELEVATIONS



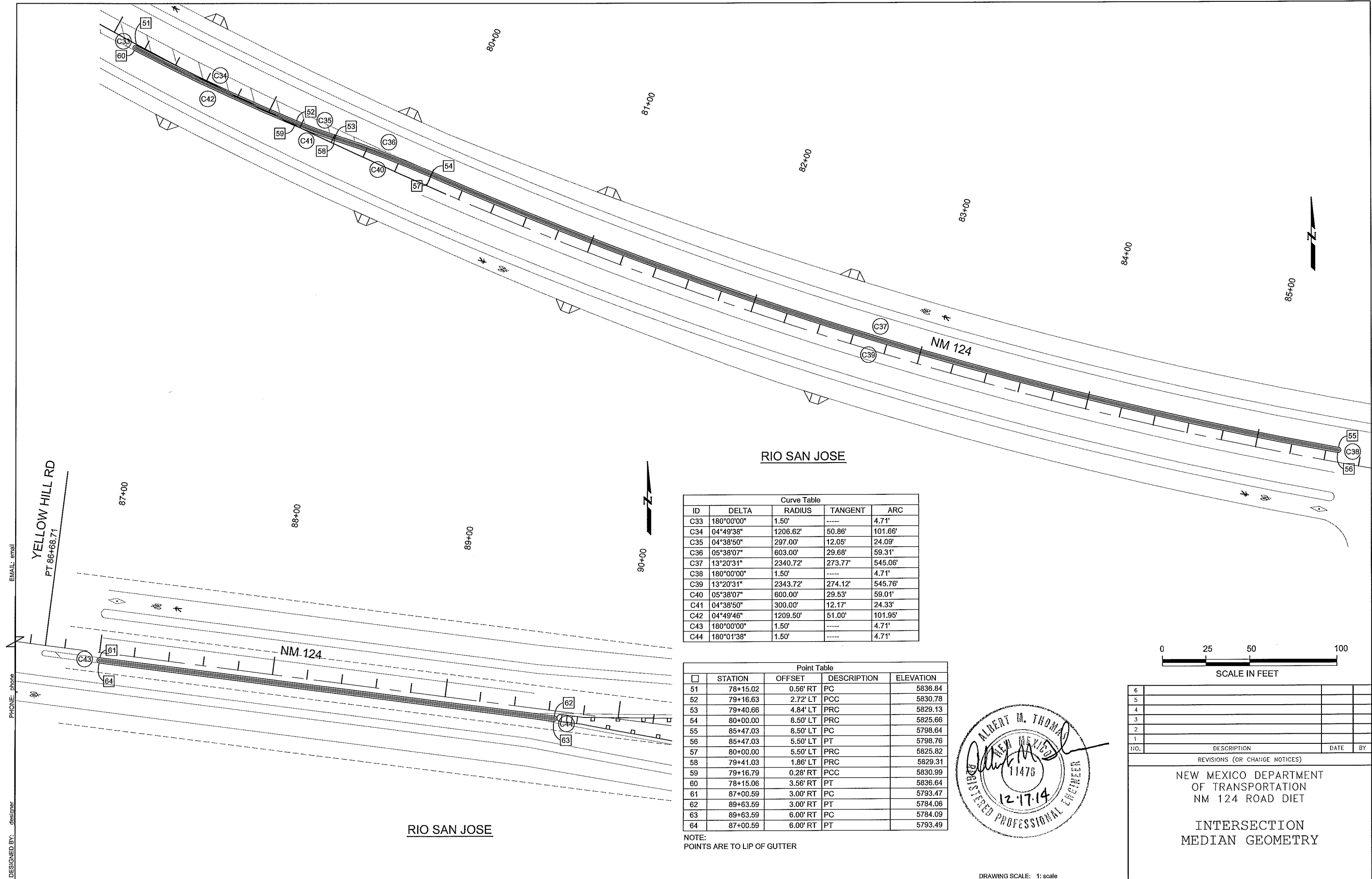
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
INTERSECTION MEDIAN GEOMETRY			

DRAWING SCALE: 1" = 40'

EMAIL: email

PHONE: phone

DESIGNED BY: designer

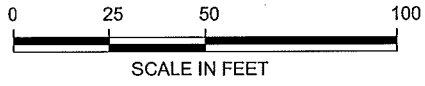
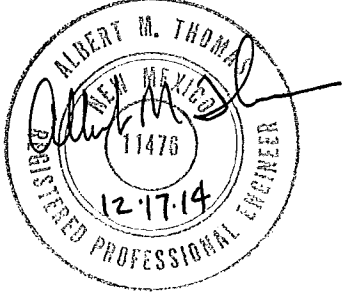


DESIGNED BY: Bohannan Huston  
PHONE: phone  
EMAIL: email

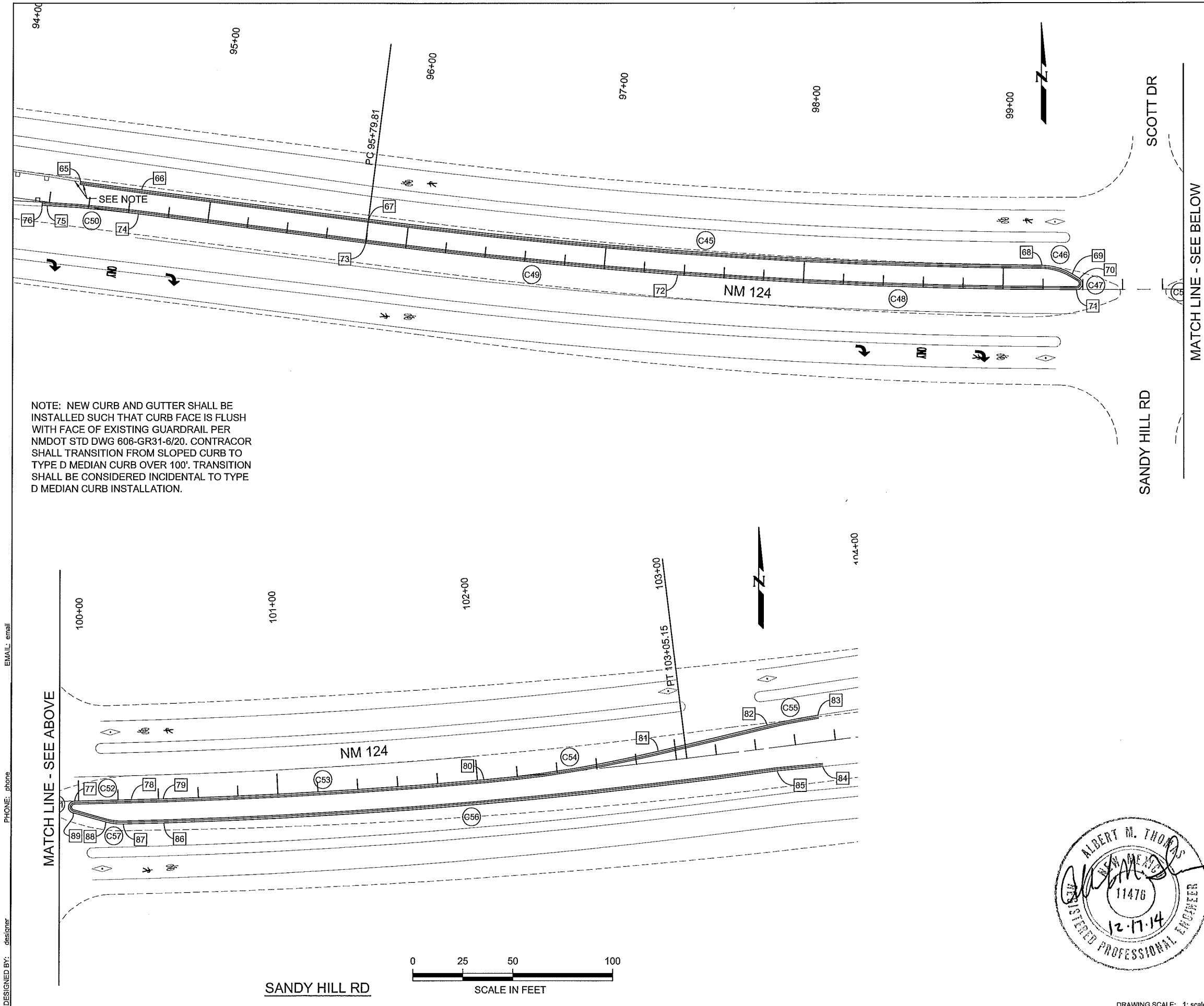
Curve Table				
ID	DELTA	RADIUS	TANGENT	ARC
C33	180°00'00"	1.50'	----	4.71'
C34	04°49'38"	1206.62'	50.86'	101.66'
C35	04°38'50"	297.00'	12.05'	24.09'
C36	05°38'07"	603.00'	29.68'	59.31'
C37	13°20'31"	2340.72'	273.77'	545.06'
C38	180°00'00"	1.50'	----	4.71'
C39	13°20'31"	2343.72'	274.12'	545.76'
C40	05°38'07"	600.00'	29.53'	59.01'
C41	04°38'50"	300.00'	12.17'	24.33'
C42	04°49'46"	1209.50'	51.00'	101.95'
C43	180°00'00"	1.50'	----	4.71'
C44	180°01'38"	1.50'	----	4.71'

Point Table				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
51	78+15.02	0.56' RT	PC	5836.84
52	79+16.63	2.72' LT	PCC	5830.78
53	79+40.66	4.84' LT	PRC	5829.13
54	80+00.00	8.50' LT	PRC	5825.66
55	85+47.03	8.50' LT	PC	5798.64
56	85+47.03	5.50' LT	PT	5798.76
57	80+00.00	5.50' LT	PRC	5825.82
58	79+41.03	1.86' LT	PRC	5829.31
59	79+16.79	0.28' RT	PCC	5830.99
60	78+15.06	3.56' RT	PT	5836.64
61	87+00.59	3.00' RT	PC	5793.47
62	89+63.59	3.00' RT	PT	5784.06
63	89+63.59	6.00' RT	PC	5784.09
64	87+00.59	6.00' RT	PT	5793.49

NOTE:  
POINTS ARE TO LIP OF GUTTER



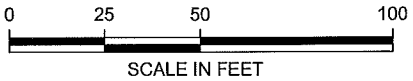
NO.	DESCRIPTION	DATE	BY
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REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
INTERSECTION MEDIAN GEOMETRY			



Curve Table				
ID	DELTA	RADIUS	TANGENT	ARC
C45	06°42'27"	2887.99'	169.24'	338.09'
C46	30°39'56"	30.01'	8.23'	16.06'
C47	148°59'23"	3.01'	10.84'	7.82'
C48	03°57'05"	2900.01'	100.04'	200.00'
C49	03°06'21"	2896.31'	78.52'	157.00'
C50	04°22'53"	600.00'	22.95'	45.88'
C51	163°42'15"	3.01'	21.00'	8.59'
C52	00°33'44"	2899.99'	14.23'	28.45'
C53	03°10'27"	2902.04'	80.41'	160.77'
C54	08°26'21"	600.00'	44.27'	88.37'
C55	04°56'35"	300.00'	12.95'	25.88'
C56	06°03'20"	2912.01'	154.03'	307.77'
C57	16°46'27"	30.01'	4.42'	8.78'

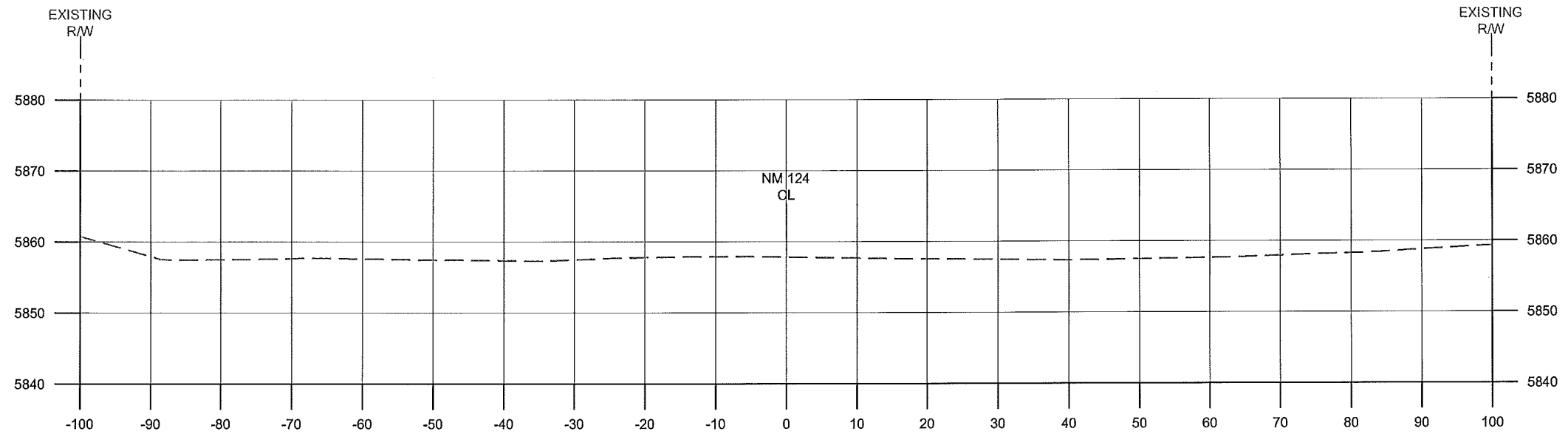
Point Table				
STATION	OFFSET	DESCRIPTION	ELEVATION	
65	94+34.07	12.27' LT POT	5790.03	
66	94+65.06	12.01' LT PI	5791.42	
67	95+79.87	12.01' LT PC	5797.87	
68	99+19.36	12.01' LT PRC	5814.88	
69	99+34.71	7.77' LT PT	5815.73	
70	99+38.37	5.58' LT PC	5815.98	
71	99+36.82	0.01' RT PT	5816.08	
72	97+36.82	0.01' RT PCC	5807.12	
73	95+79.81	0.00' RT PT	5798.09	
74	94+65.00	0.00' RT PC	5791.35	
75	94+19.16	1.75' RT PT	5789.16	
76	94+16.64	1.95' RT PI	5789.05	
77	99+98.08	0.01' LT PC	5818.61	
78	100+26.53	0.01' LT PT	5819.21	
79	100+42.42	0.01' LT PC	5819.81	
80	102+03.19	0.01' LT PCC	5824.42	
81	102+91.42	5.16' LT PT	5826.05	
82	103+47.13	11.47' LT PC	5828.19	
83	103+72.94	13.25' LT PT	-----	
84	103+72.16	12.38' RT PT	-----	
85	103+49.16	11.67' RT PI	5826.95	
86	100+42.46	12.01' RT PC	5819.86	
87	100+22.27	12.01' RT PT	5819.33	
88	100+13.64	10.74' RT PC	5819.29	
89	99+97.23	5.89' RT PT	5818.81	

NOTE:  
POINTS ARE TO LIP OF GUTTER

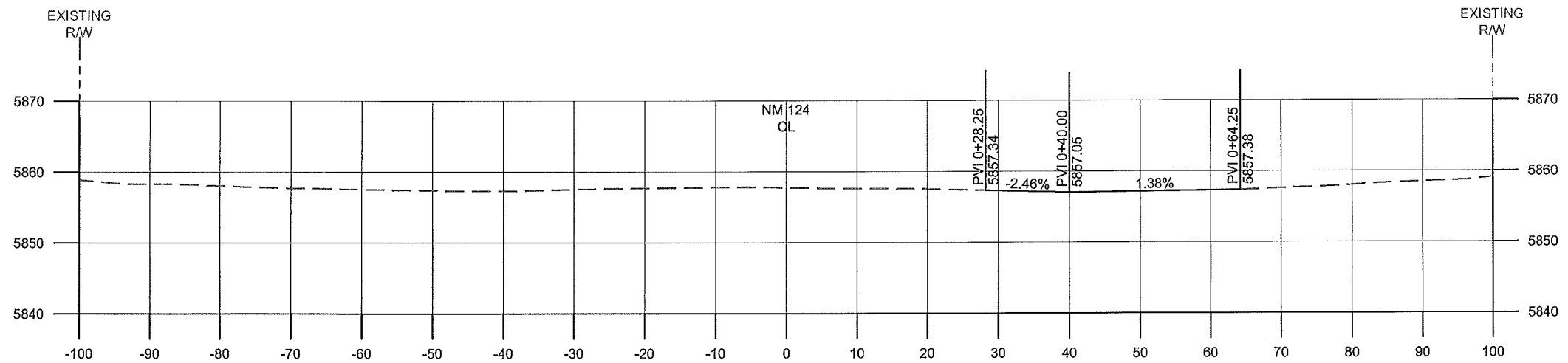


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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
INTERSECTION MEDIAN GEOMETRY			

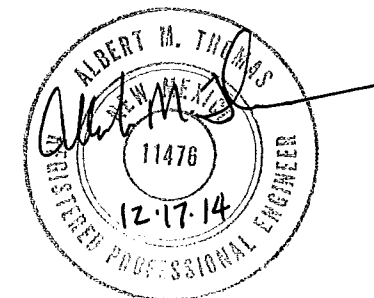
DESIGNED BY: Bohannan Huston  
PHONE: phone  
EMAIL: email



TO-01 (OLD ROUTE 66)  
STA 51+47.48 RT  
TURNOUT TO REMAIN



TO-02 (OLD ROUTE 66)  
STA 51+70.55 LT  
CONSTRUCT PAVEMENT TO TIE-DOWN



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

TURNOUT  
PROFILES

DRAWING SCALE: 1" = 40'

DESIGNED BY: Bohannon Huston

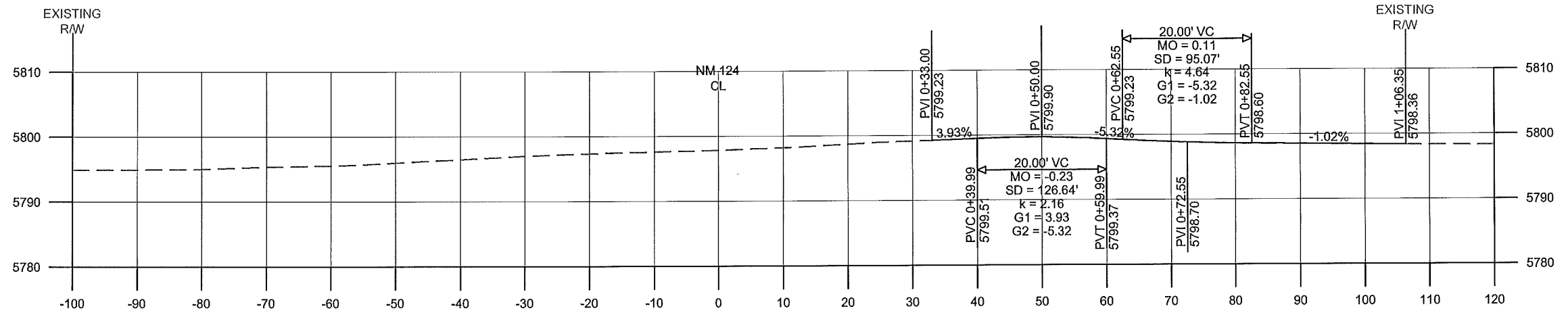
NEW MEXICO PROJECT NO. XXXXXXX

SHEET NO. 4 - 1

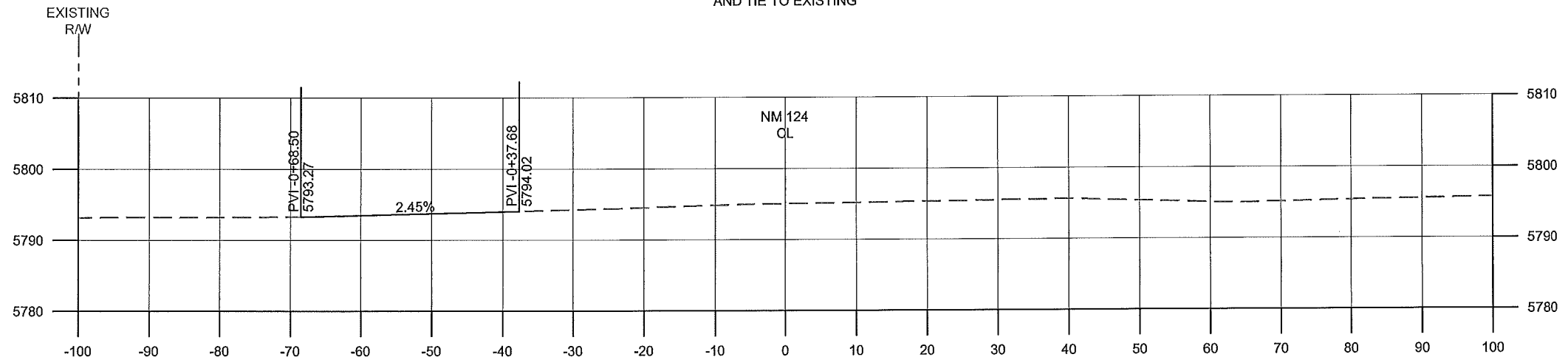
EMAIL: email

PHONE: phone

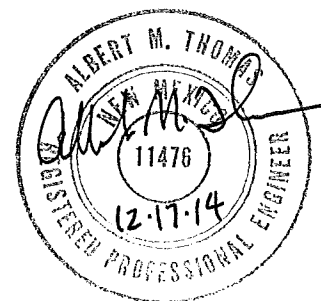
DESIGNED BY: designer



TO-03 (RIO SAN JOSE RD)  
STA 85+84.77 RT  
CONSTRUCT PAVEMENT TO RIGHT-OF-WAY  
AND TIE TO EXISTING



TO-04 (YELLOW HILL RD)  
STA 86+61.01 LT  
CONSTRUCT PAVEMENT TO TIE-DOWN



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

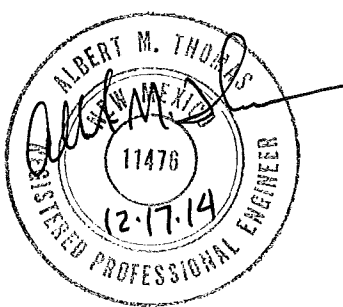
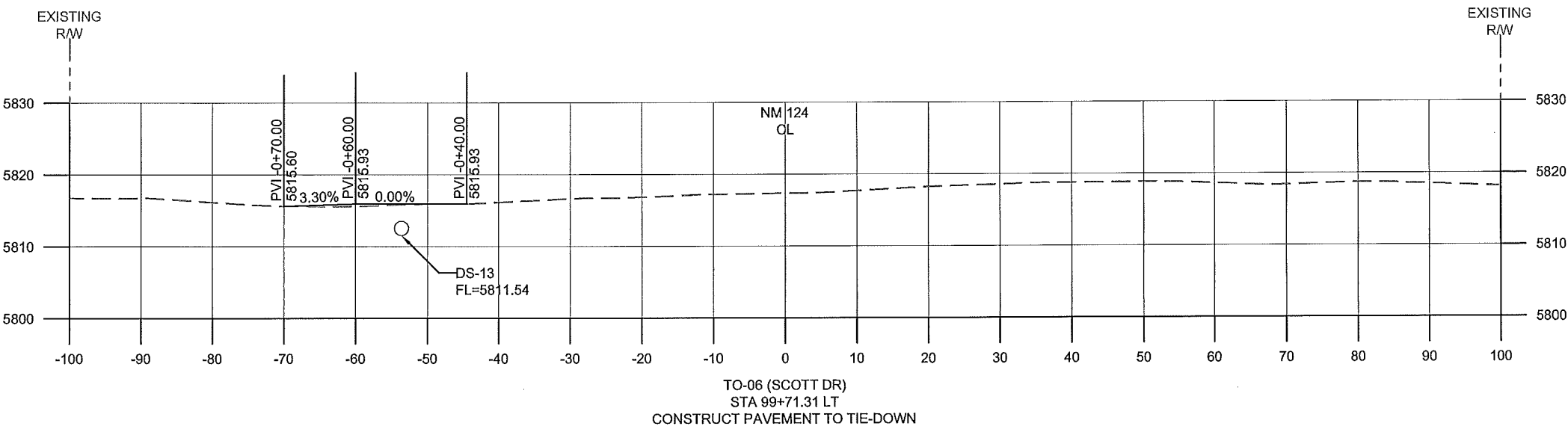
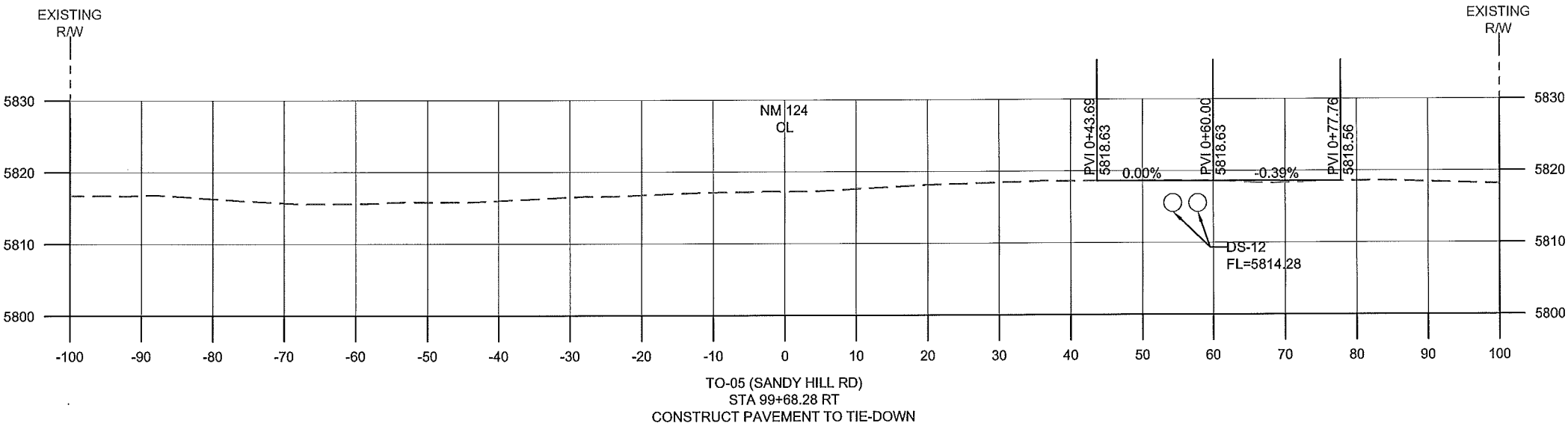
TURNOUT  
PROFILES

DRAWING SCALE: 1" = 40'

DESIGNED BY: designer

PHONE: phone

EMAIL: email

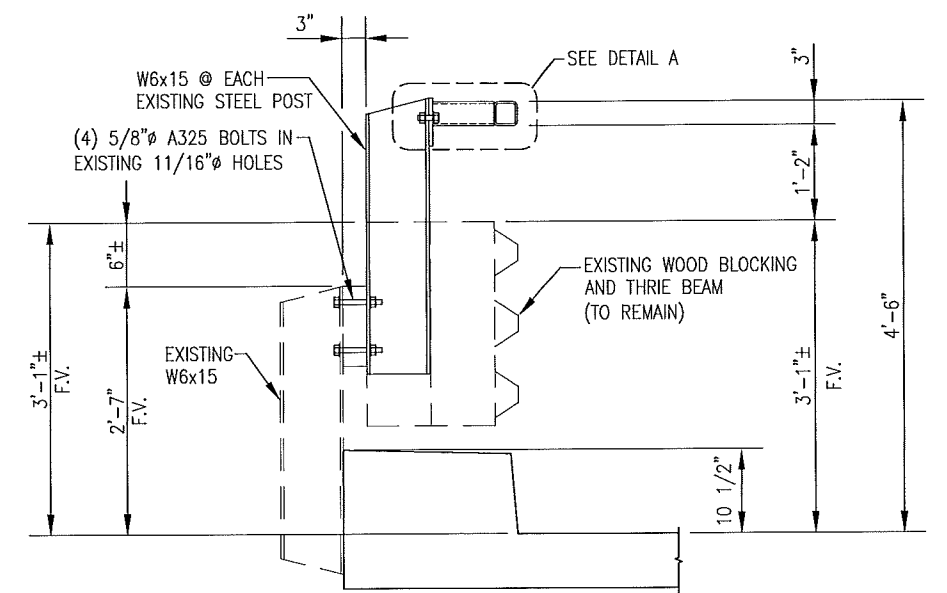
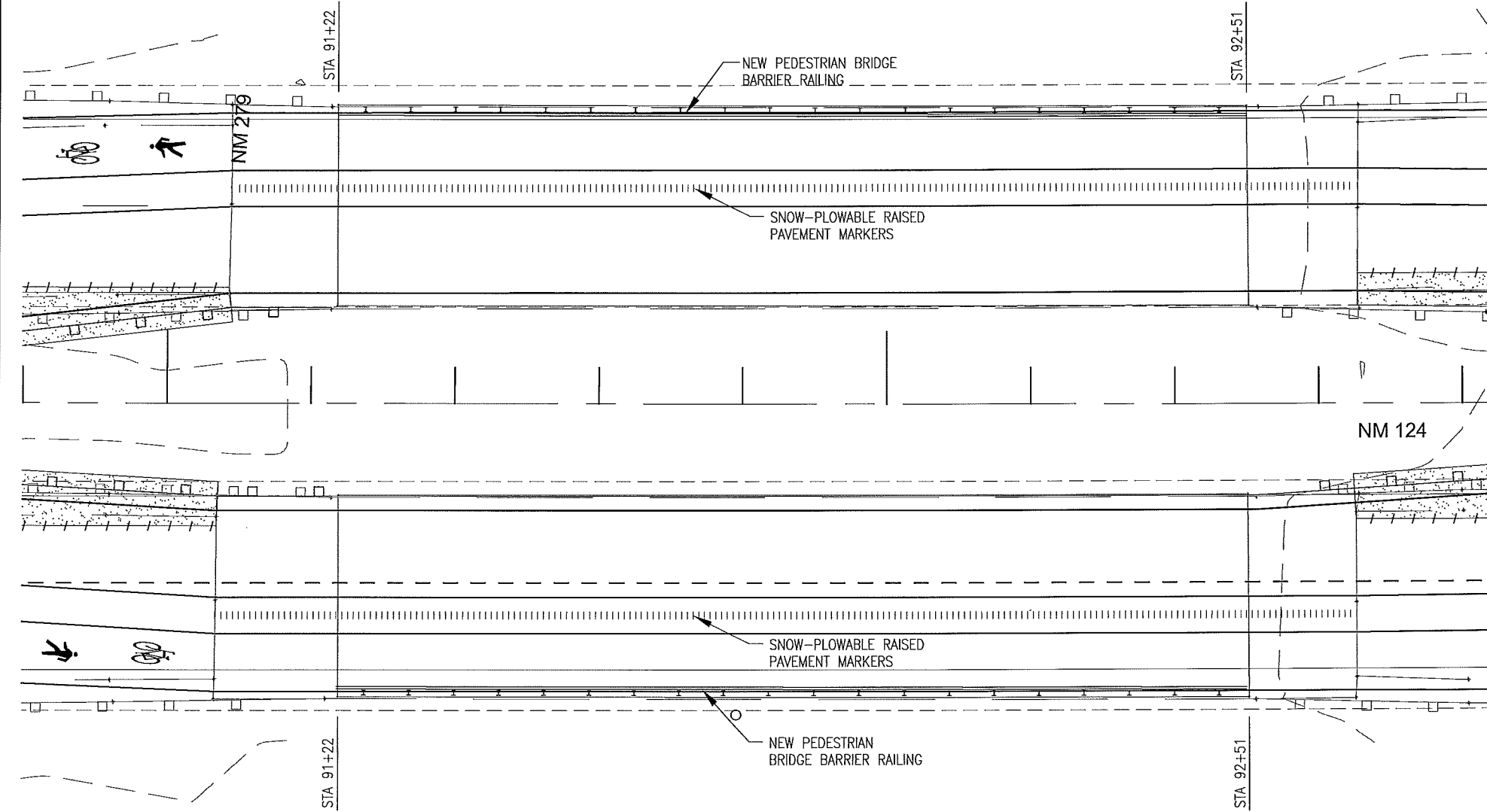


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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
TURNOUT PROFILES			

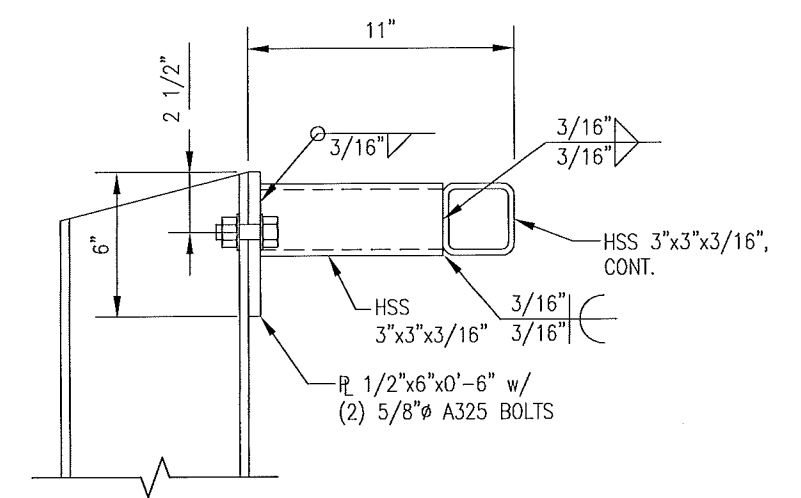
DRAWING SCALE: 1"=40'

DESIGNED BY: Bohannan Huston

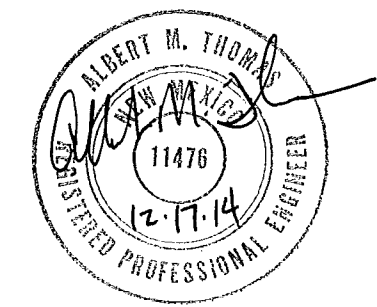
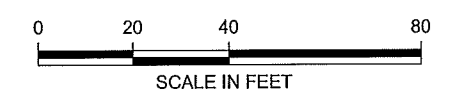




BRIDGE RAILING DETAIL



DETAIL A



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
BRIDGE BARRIER RAILING DETAILS			

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE I:

- 1. USE LEFT LANE CLOSURES TO SHIFT TRAFFIC TO OUTSIDE LANES.
- 2. CONSTRUCT MEDIAN STORM DRAINS, RAISED MEDIANS, AND LEFT TURN BAYS STA 77+65 TO STA 103+80.
- 3. INSTALL METAL BARRIER IN MEDIAN.
- 4. PLACE SYMBOLS AND STRIPING ON TURN BAYS AND MEDIANS. COMPLETE STRIPING OF INSIDE EDGE OF DRIVING LANE.

PHASE II:

- 1. USE TYPICAL RIGHT LANE CLOSURES PER NMDOT STD DWG 702-10-1/1 TO SHIFT TRAFFIC TO INSIDE LANES STA 77+65 TO STA 103+80.
- 2. COMPLETE STRIPING AND TURNOUTS.

PHASE III

- 1. CLOSE EASTBOUND OUTSIDE LANE AT NM 279.
- 2. CONSTRUCT EASTBOUND ROAD WIDENING AND METAL BARRIER STA 27+00 TO 38+00.
- 3. CONSTRUCT WESTBOUND METAL BARRIER STA 28+00 TO STA 34+50.
- 4. REMOVE VERTICAL DELINEATORS AND USE EXISTING PAVEMENT FOR WESTBOUND DETOUR STA 34+20 TO 35+85.

PHASE IV

- 1. SHIFT EASTBOUND TRAFFIC TO NEW LANE.
- 2. SHIFT WESTBOUND TRAFFIC TO OUTSIDE LANE AND DETOUR PAVEMENT.
- 3. CONSTRUCT MEDIAN ISLAND. CONSTRUCT RIGHT TURN ISLAND CURB ADJACENT TO NM 124.

PHASE V

- 1. SHIFT WESTBOUND TRAFFIC TO INSIDE LANE.
- 2. USE FLAGGERS AS NEEDED TO CONSTRUCT RIGHT TURN ISLANDS.
- 3. CONSTRUCT WESTBOUND ROAD WIDENING & METAL BARRIER.

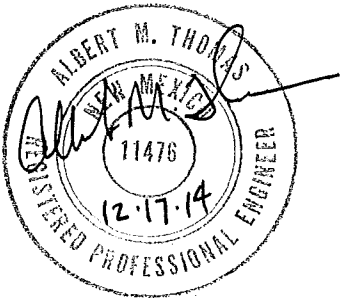
SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
618000	TRAFFIC CONTROL MANAGEMENT	LS	1
702610	PORTABLE CHANGEABLE MESSAGE SIGNS	EA	2
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS	1
*	CONSTRUCTION SIGNING	SF	280
*	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	LF	480
*	BARRICADE, TYPE III - 8'	EA	3
*	CHANNELIZATION DEVICES TYPE DRUM	EA	140
*	SEQUENTIAL ARROW DISPLAY	EA	2

\* INCLUDED IN TRAFFIC CONTROL DEVICES FOR CONSTRUCTION

SIGNING QUANTITIES

	*702000			*702100			
				MOUNTING REQUIREMENTS			
SIGN CODE	NO. OF SIGNS	SIGN AREA (SF)	TOTAL SIGN AREA (SF)	POST		BASE POST	
				LENGTH	NO.	NO.	TOTAL LENGTH
R2-1-36-25	1	5	5	9.5	1	1	3.5
R2-1-36-35	1	5	5	9.5	1	1	3.5
R2-1-36-45	2	5	10	9.5	2	2	7
R2-1-36-55	2	5	10	9.5	2	2	7
W1-3L-36	1	9	9	11	1	1	3.5
W1-3R-36	1	9	9	11	1	1	3.5
W1-4R-36	1	9	9	11	1	1	3.5
W3-4-36	2	9	18	11	2	2	7
W3-5-36-45	3	9	27	11	3	3	10.5
W3-5-36-35	1	9	9	11	1	1	3.5
W4-2L-36	1	9	9	11	1	1	3.5
W4-2R-36	1	9	9	11	1	1	3.5
W20-1-36-1/2	2	9	18	11	2	2	7
W20-1-36-15	2	9	18	11	2	2	7
W20-1-36-10	2	9	18	11	2	2	7
W20-1-36-5	2	9	18	11	2	2	7
W20-5L-36-5	1	9	9	11	1	1	3.5
W20-5L-36-10	1	9	9	11	1	1	3.5
W20-5R-36-5	1	9	9	11	1	1	3.5
W20-5R-36-10	1	9	9	11	1	1	3.5
W20-7-36	3	9	27	11	3	3	10.5
G20-2-36	2	4.5	9	8.5	2	2	7
TOTAL			273	233.5			119
USE			280	240			240



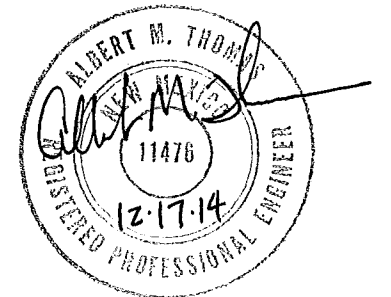
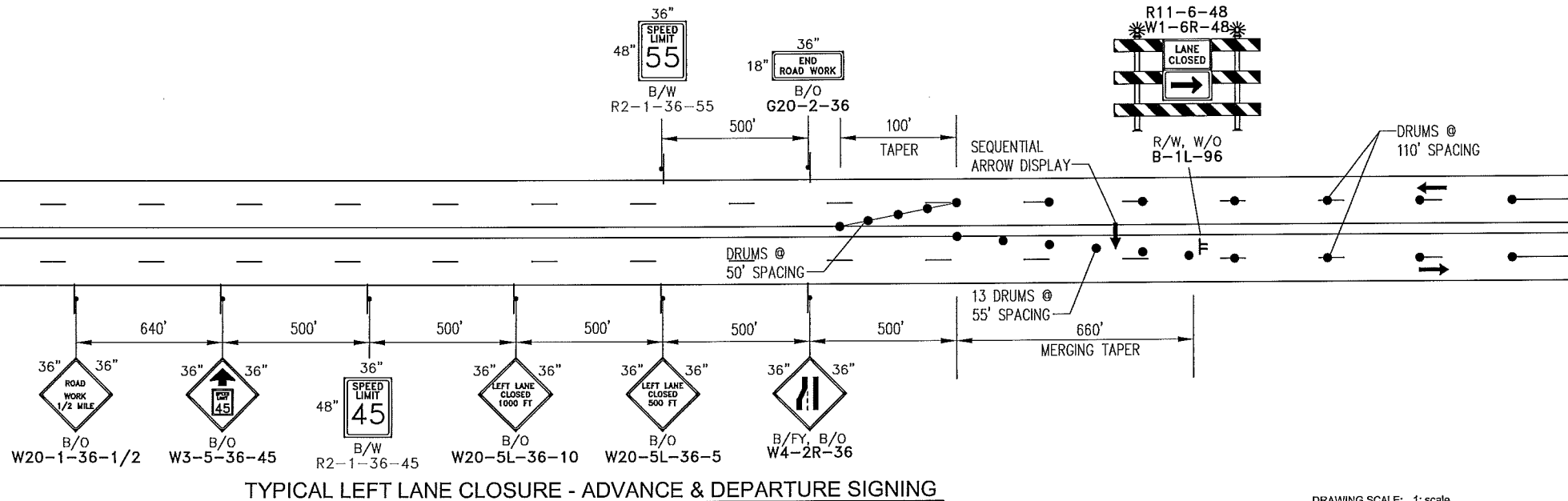
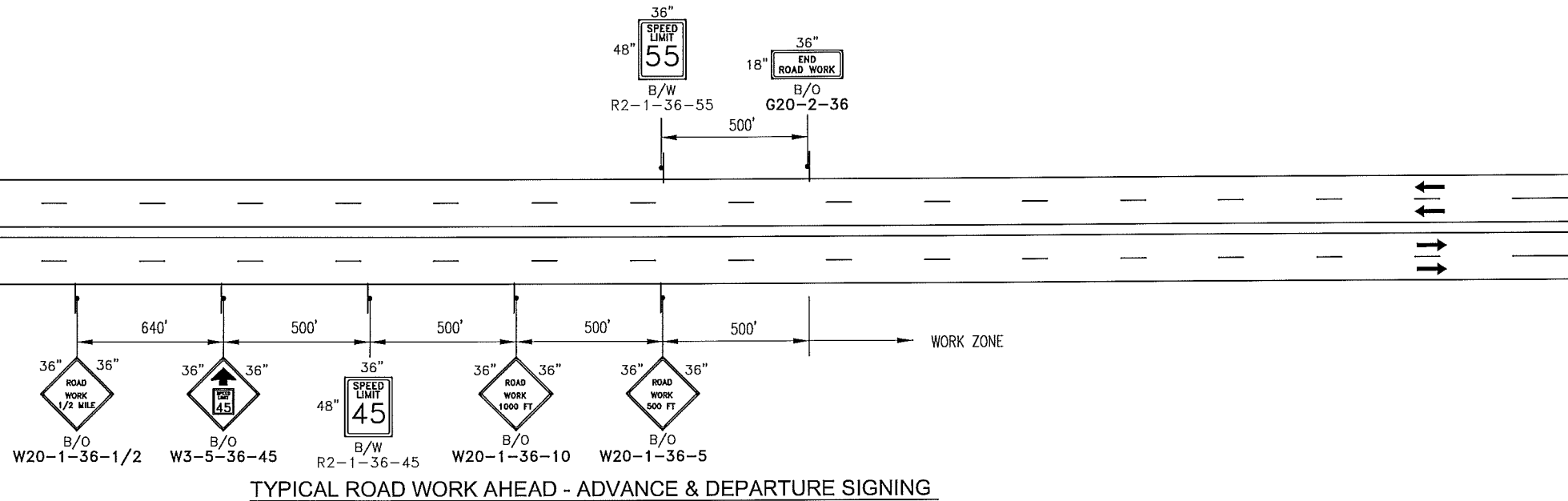
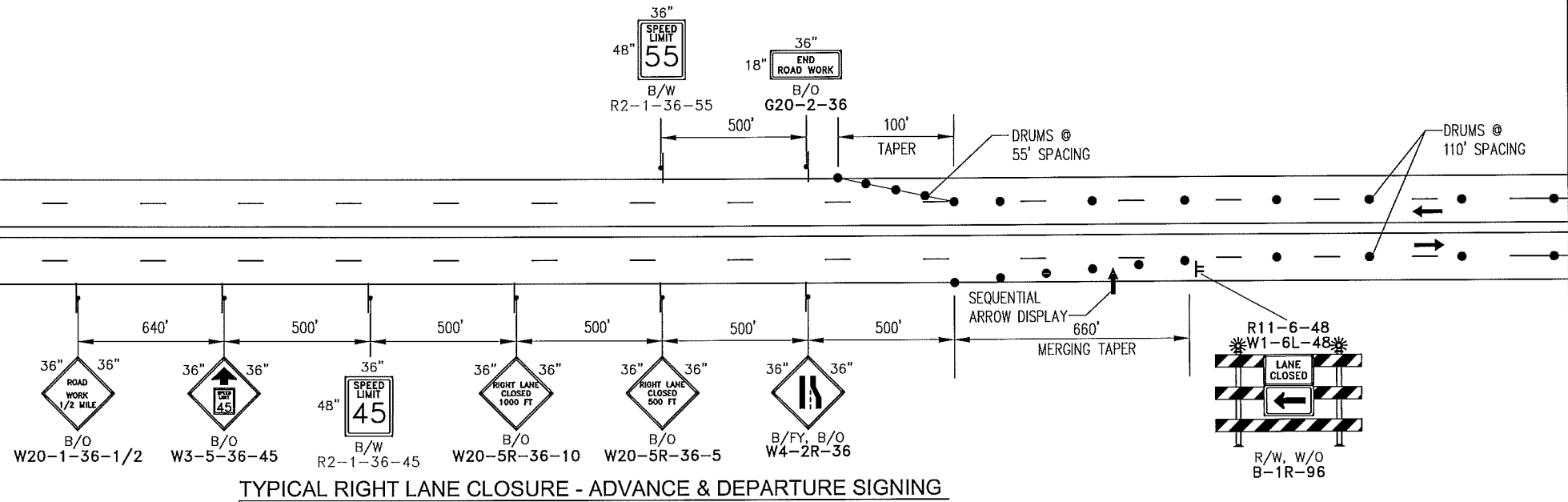
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4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
SUGGESTED SEQUENCE OF CONSTRUCTION			

DRAWING SCALE: 1: scale

EMAIL: email

PHONE: phone

DESIGNED BY: designer



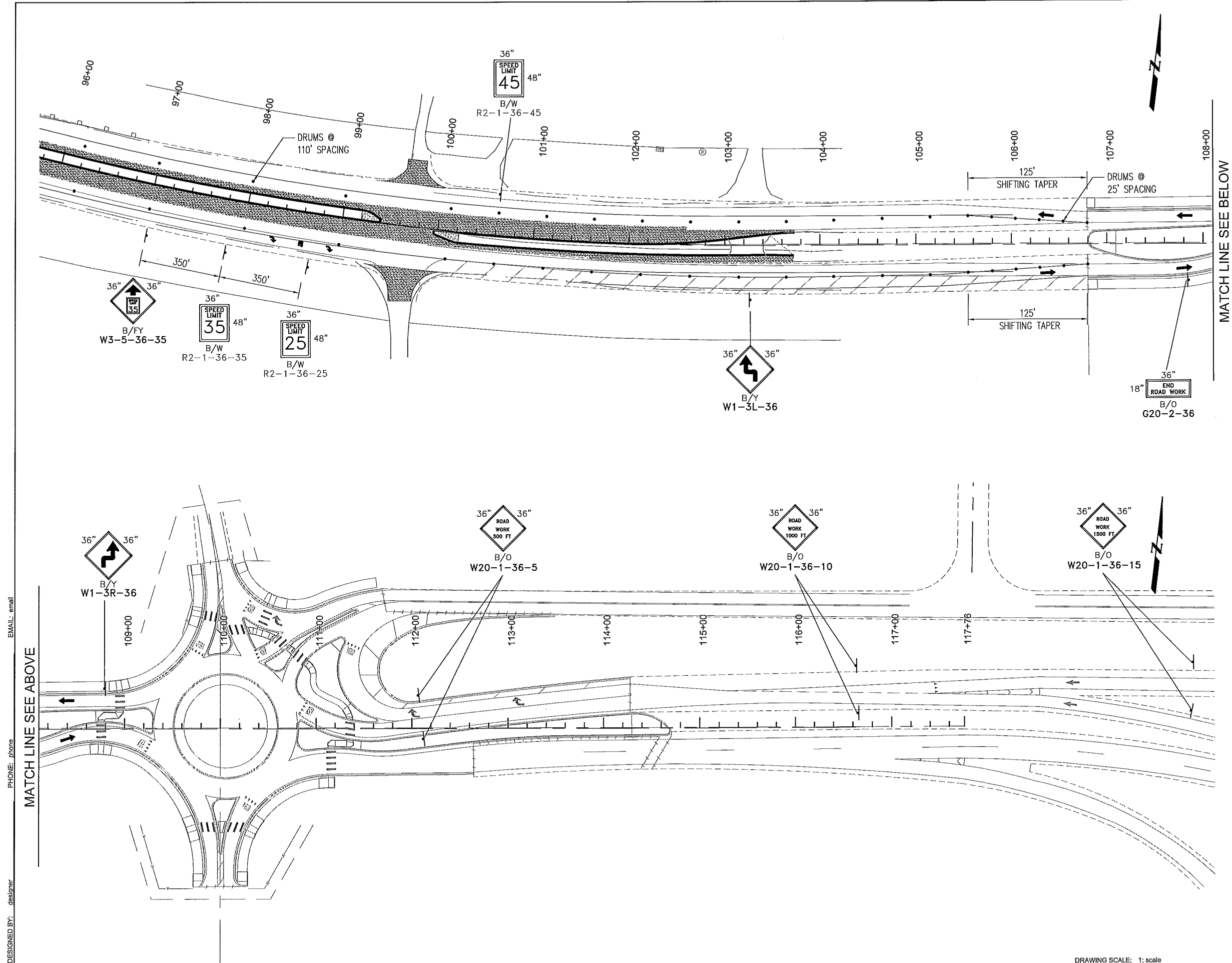
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6			
5			
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2			
1			

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

TYPICAL ADVANCE &  
DEPARTURE SIGNING

DRAWING SCALE: 1" = 100'

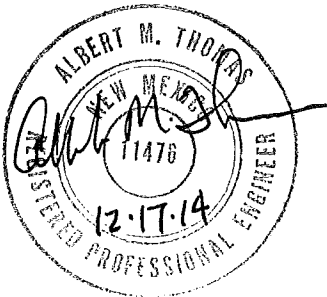
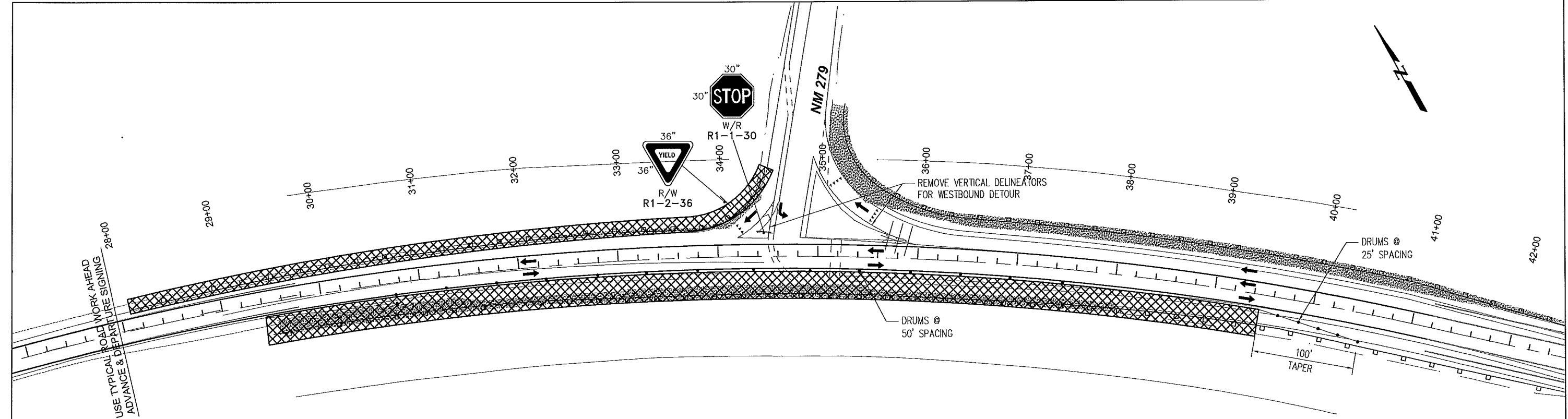


6			
5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
TRAFFIC CONTROL PLAN PHASE I			

DESIGNED BY: Bohannan Huston  
PHONE: phone  
EMAIL: email

MATCH LINE SEE ABOVE

MATCH LINE SEE BELOW



6			
5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY

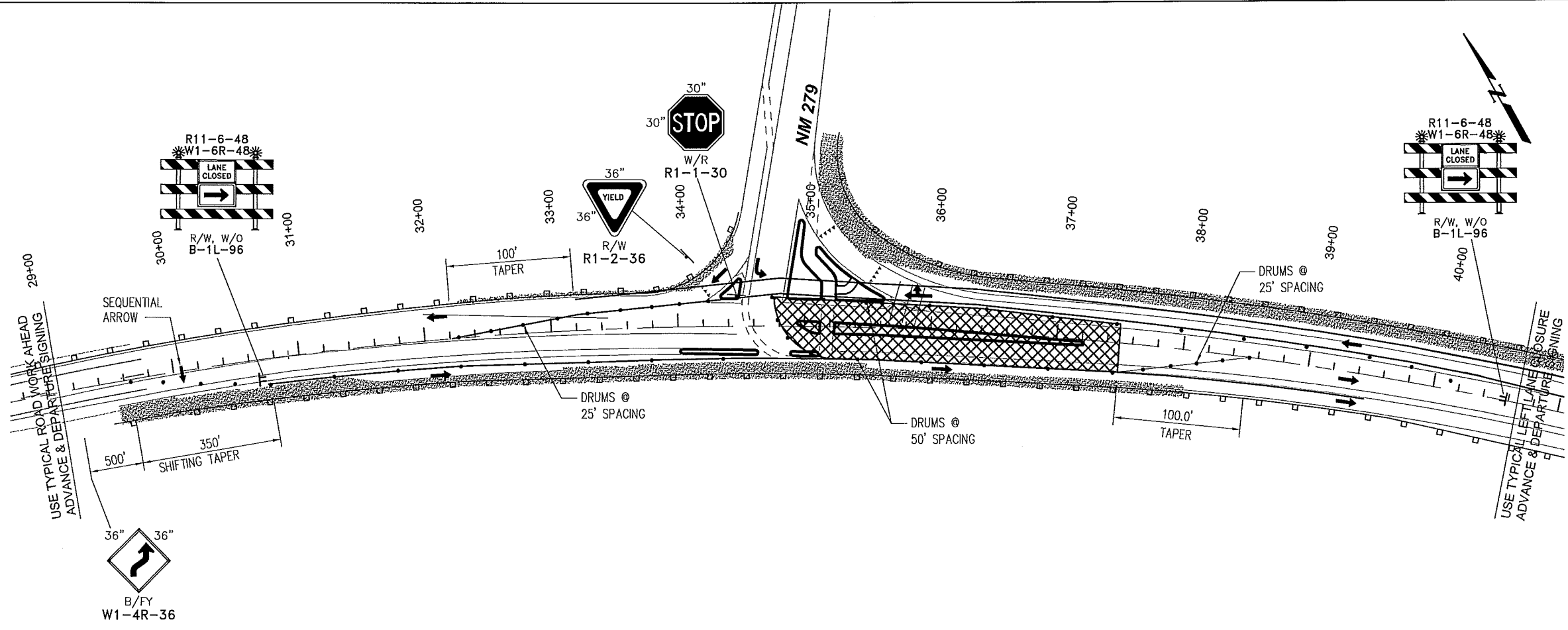
REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

TRAFFIC CONTROL PLAN  
PHASE III

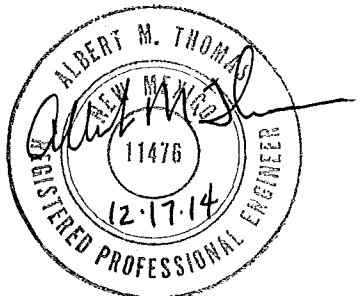
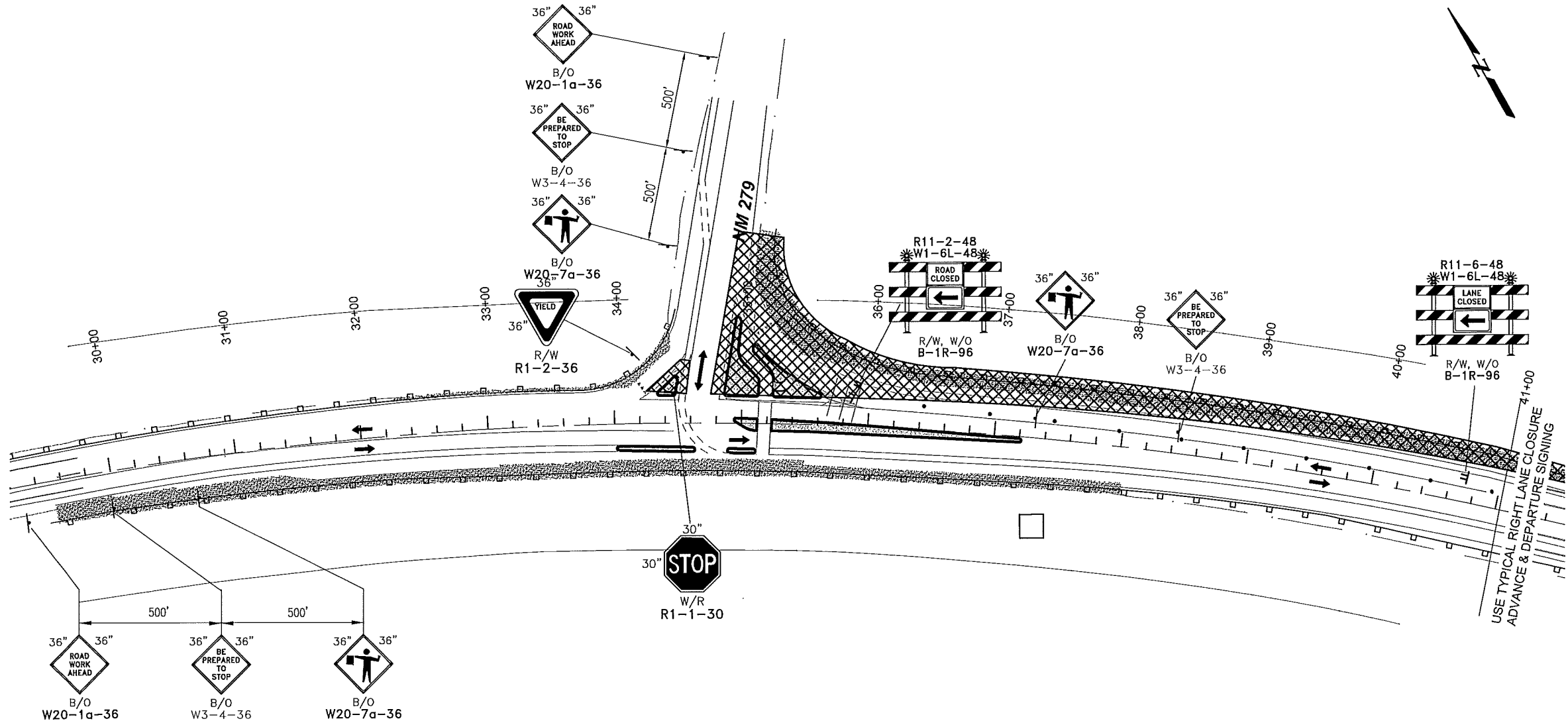
DESIGNED BY: designer PHONE: phone EMAIL: email

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email



6			
5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
TRAFFIC CONTROL PLAN PHASE IV			

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email



6			
5			
4			
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2			
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
TRAFFIC CONTROL PLAN PHASE V			

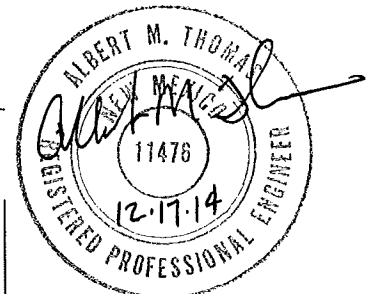


### KEYED NOTES

- 1 4" SOLID WHITE STRIPE
- 2 4" DASHED WHITE STRIPE
- 3 4" SOLID YELLOW STRIPE
- 4 4" SOLID DOUBLE YELLOW STRIPE
- 5 6" SOLID WHITE STRIPE
- 6 8" SOLID WHITE STRIPE
- 7 24" CROSSWALK
- 8 24" STOP BAR
- 9 YIELD SYMBOL AND MARKINGS
- 10 LEFT ARROW
- 11 RIGHT ARROW
- 12 THRU ARROW
- 13 WORD "ONLY"
- 14 BOLLARD
- 15 PEDESTRIAN SYMBOL
- 16 BIKE SYMBOL
- 17 PAINT CURB YELLOW
- 18 REMOVE & SALVAGE SIGN
- 19 INSTALL NEW SIGN
- 20 4" DASHED WHITE STRIPE, 3' STRIPE, 6' GAP
- 21 EXISTING SIGN TO REMAIN.

MATCH LINE STA 31+50

PLAN DRAWING SCALE: 1"=50'

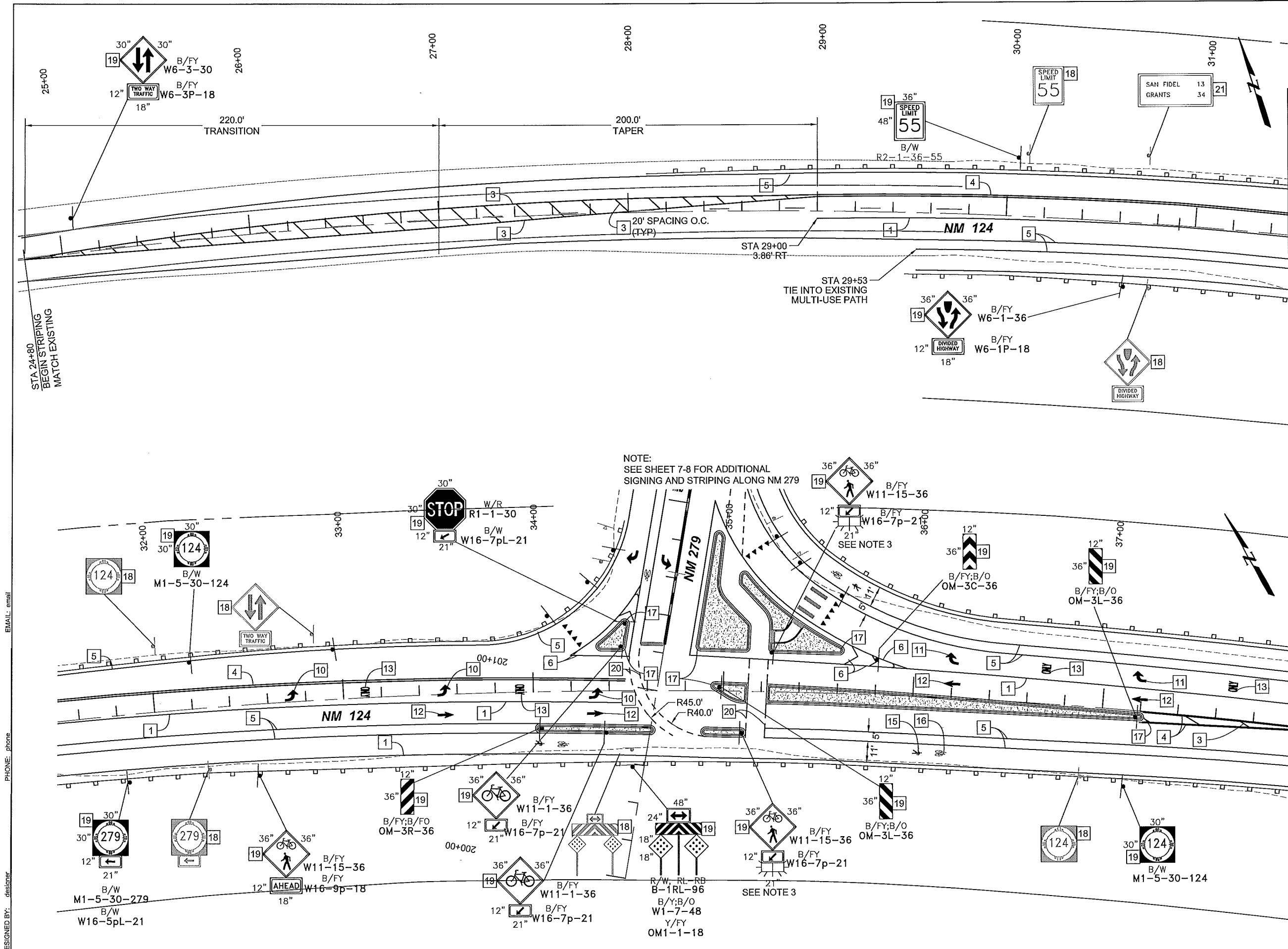


### NOTES

1. ALL STRIPING SHALL BE HOT THERMOPLASTIC PAVEMENT MARKINGS ONLY AND SHALL BE INSTALLED PER MUTCD, LATEST EDITION.
2. ALL EXISTING STRIPING WITHIN PROJECT LIMITS SHALL BE REMOVED BY WATER BLASTING ONLY. CONTRACTOR SHALL TIE NEW STRIPING WITH EXISTING STRIPING AT PROJECT LIMITS.
3. INSTALL SOLAR FLASHING BEACON ON SIGNS (BLINKERBEAM RECTANGULAR RAPID-FLASH BEACON OR APPROVED EQUAL).
4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

MATCH LINE STA 38+00

PERMANENT SIGNING  
& STRIPING PLAN  
STA 27+00-38+00



DESIGNED BY: designer

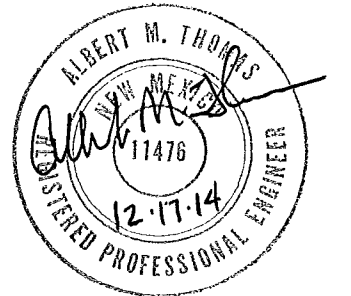
PHONE: phone

EMAIL: email

## KEYED NOTES

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- 2 4" DASHED WHITE STRIPE
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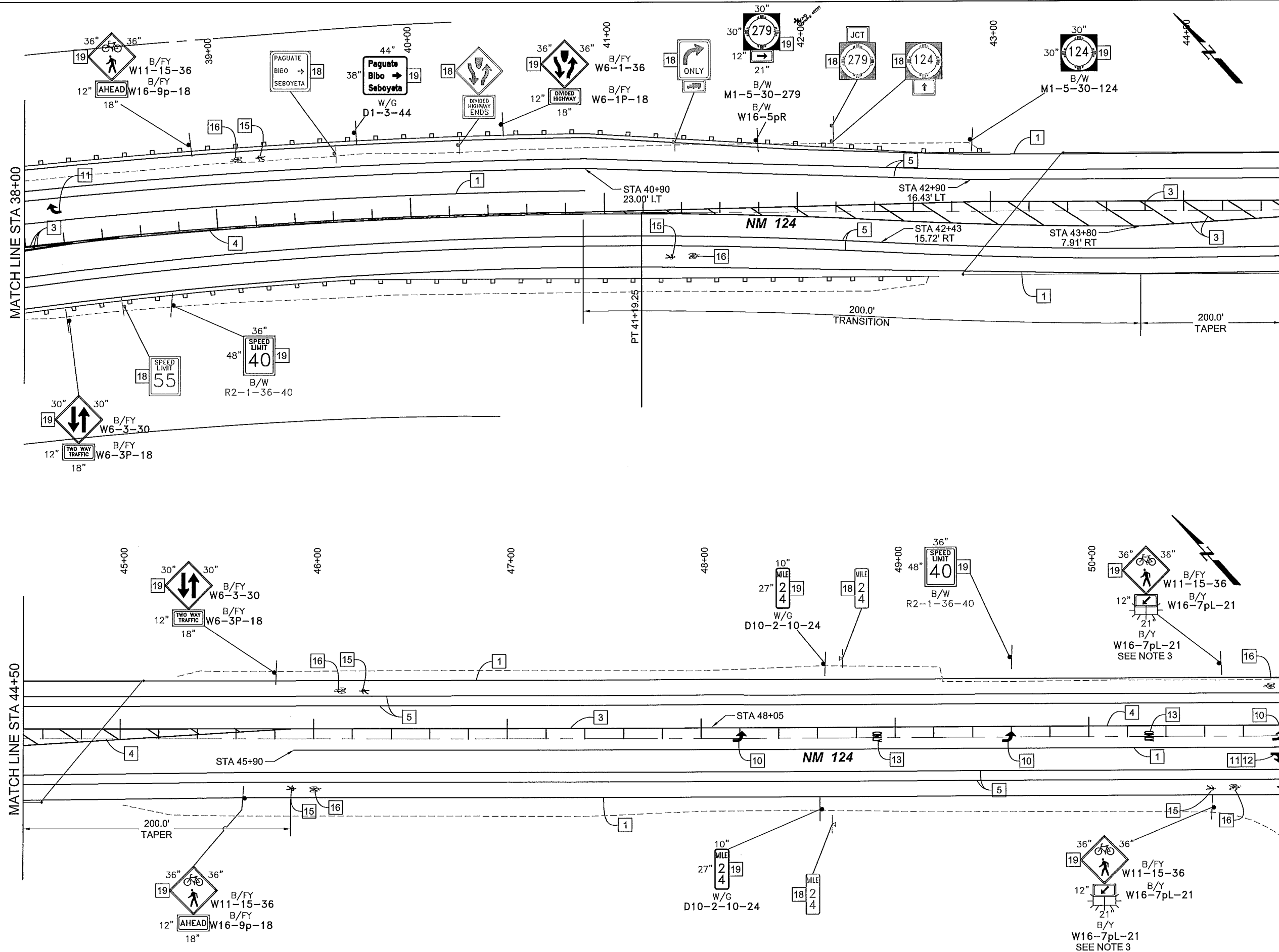
PLAN DRAWING SCALE: 1"=50'



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4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

PERMANENT SIGNING  
& STRIPING PLAN  
STA 38+00-51+00



EMAIL: email

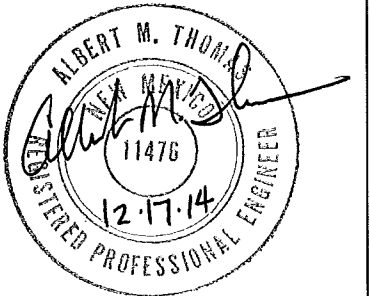
PHONE: phone

DESIGNED BY: designer

### KEYED NOTES

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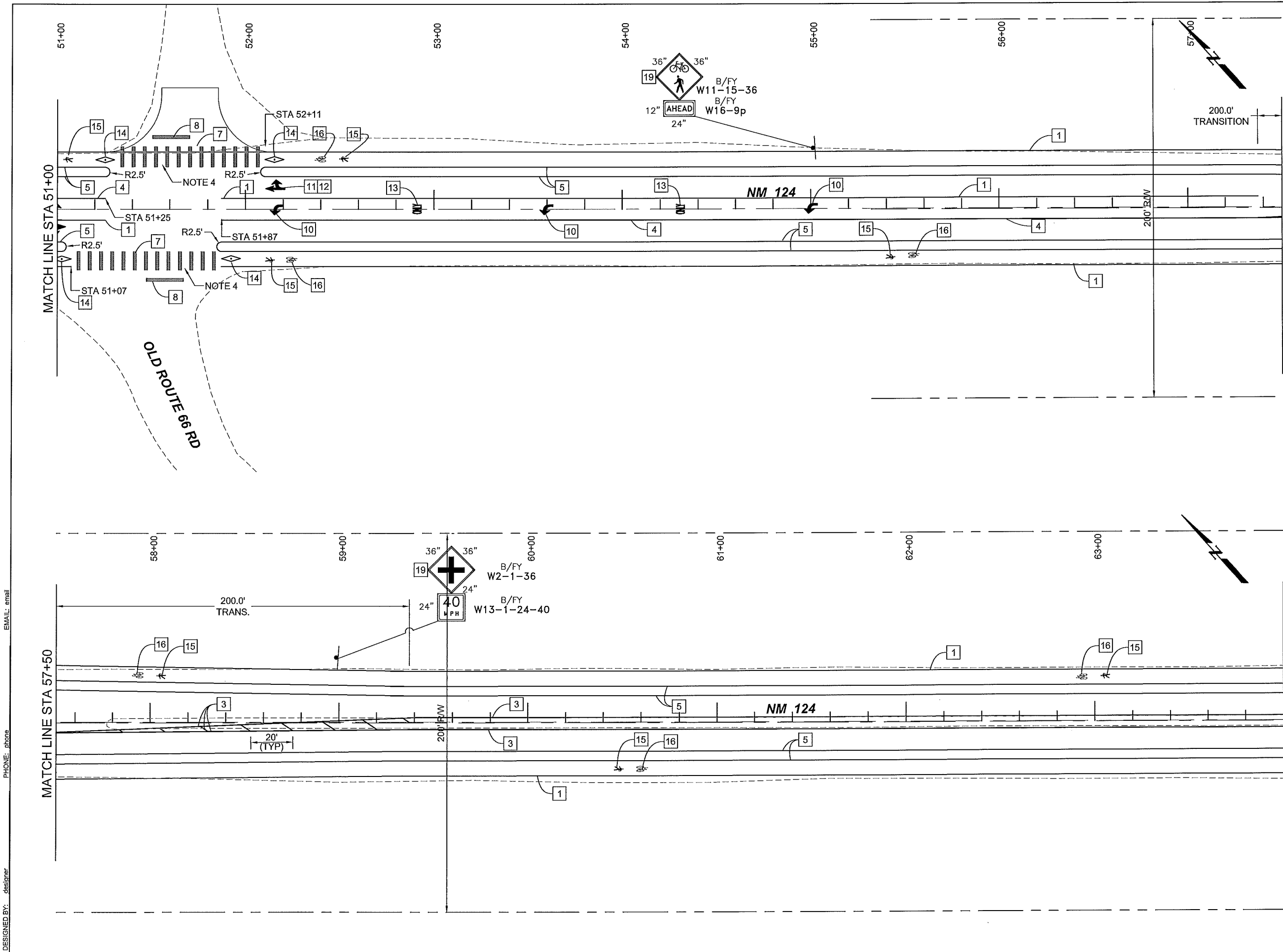
PLAN DRAWING SCALE: 1"=50'



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4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

PERMANENT SIGNING  
& STRIPING PLAN  
STA 51+00-64+00



EMAIL: email

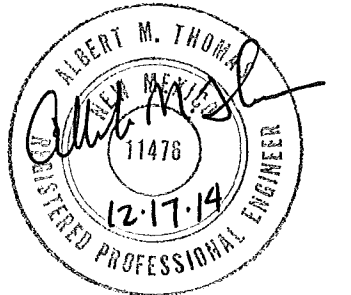
PHONE: phone

DESIGNED BY: designer

KEYED NOTES

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- 2 4" DASHED WHITE STRIPE
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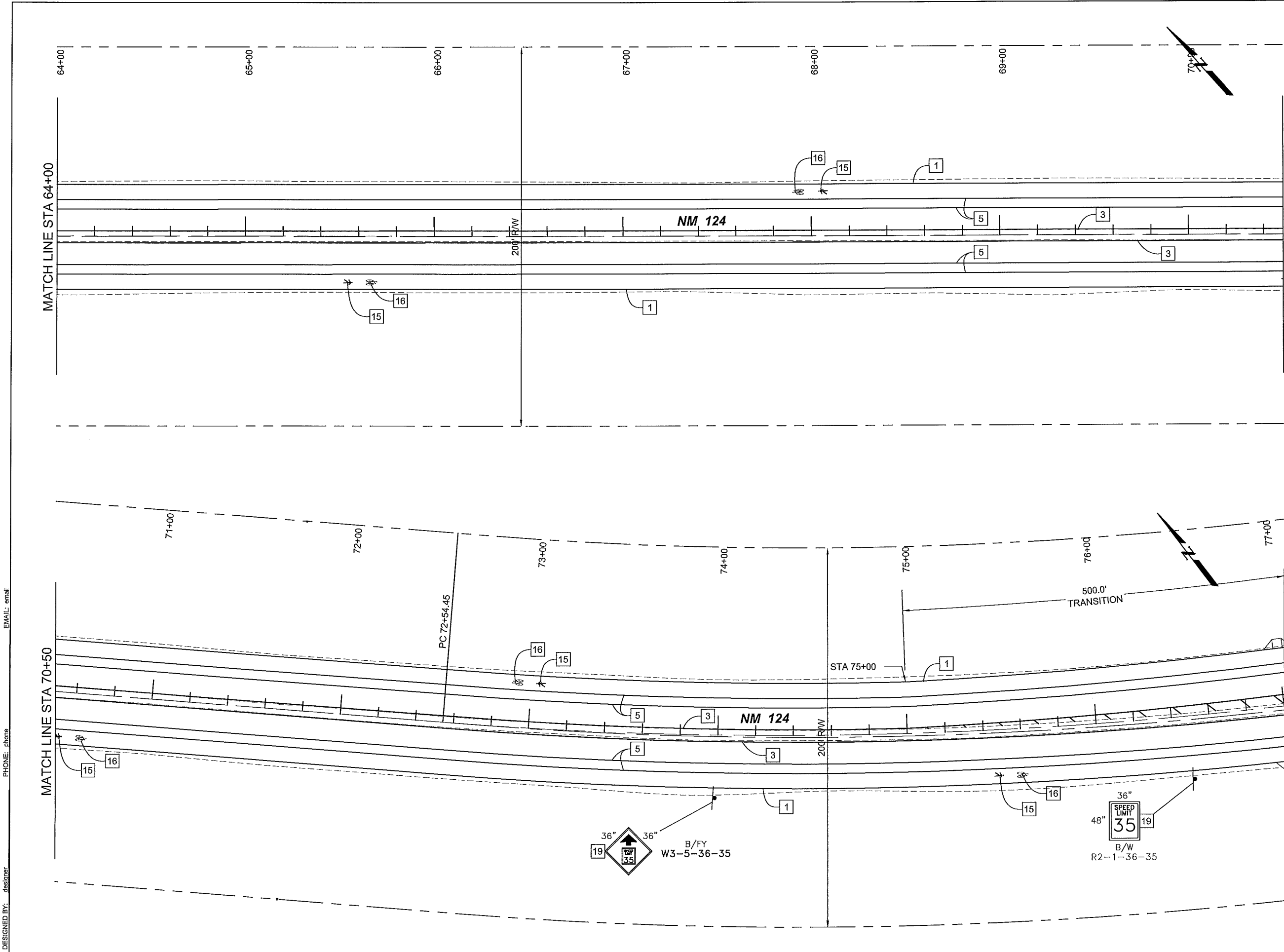
PLAN DRAWING SCALE: 1"=50'



NOTES

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PERMANENT SIGNING  
& STRIPING PLAN  
STA 64+00-77+00



EMAIL: email

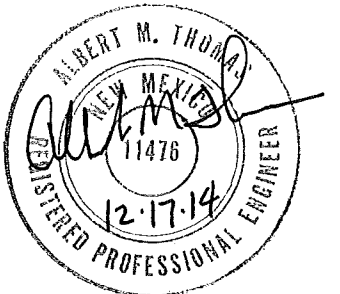
PHONE: phone

DESIGNED BY: designer

## KEYED NOTES

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- 3 4" SOLID YELLOW STRIPE
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PLAN DRAWING SCALE: 1"=50'



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4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

PERMANENT SIGNING  
& STRIPING PLAN  
STA 77+00-90+00

EMAIL: email

PHONE: phone

DESIGNED BY: designer

P:\20130378\TRANS\Design\Plan Production\Plans\Road Diet\20130378-RDPS.dwg Nov 19, 2014 - 1:39pm

DESIGNED BY: Bohannon Huston

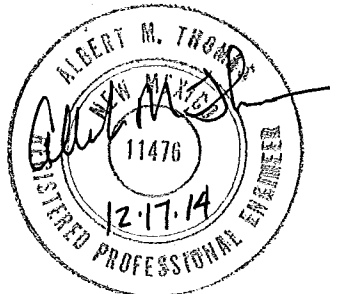
NEW MEXICO PROJECT NO. XXXXXX

SHEET NO. 7 - 5

# KEYED NOTES

- 1 4" SOLID WHITE STRIPE
- 2 4" DASHED WHITE STRIPE
- 3 4" SOLID YELLOW STRIPE
- 4 4" SOLID DOUBLE YELLOW STRIPE
- 5 6" SOLID WHITE STRIPE
- 6 8" SOLID WHITE STRIPE
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- 21 EXISTING SIGN TO REMAIN.

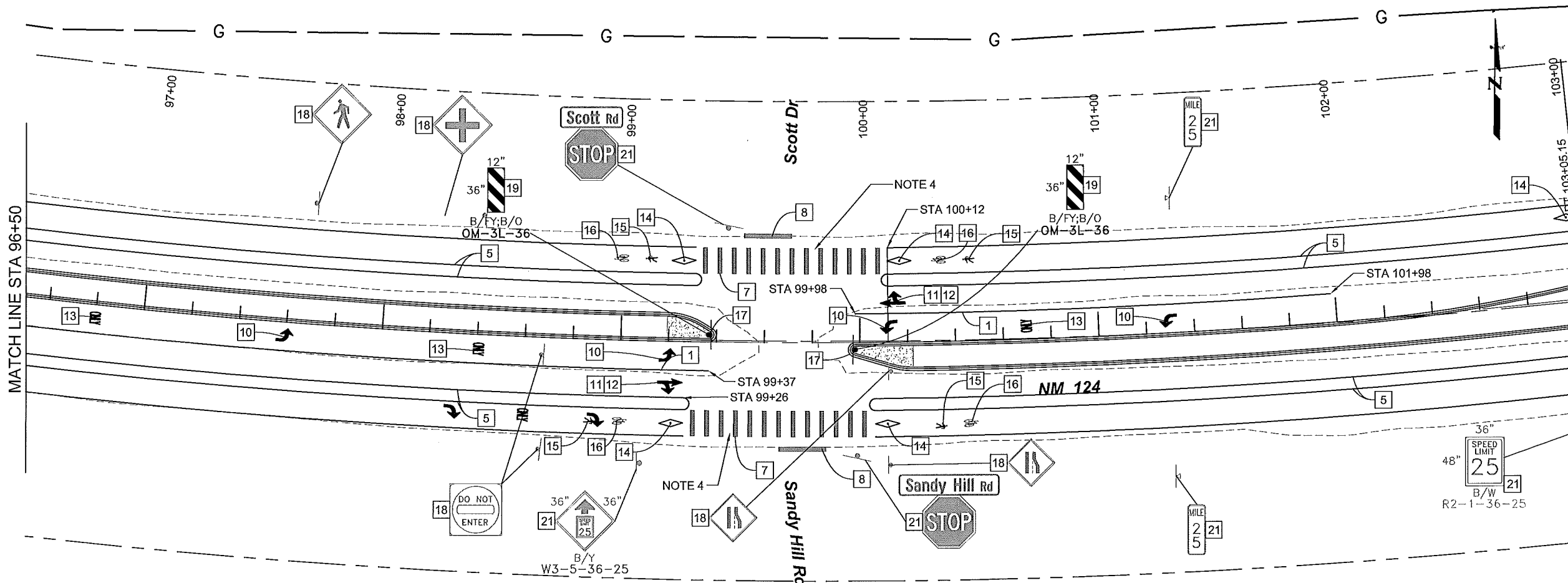
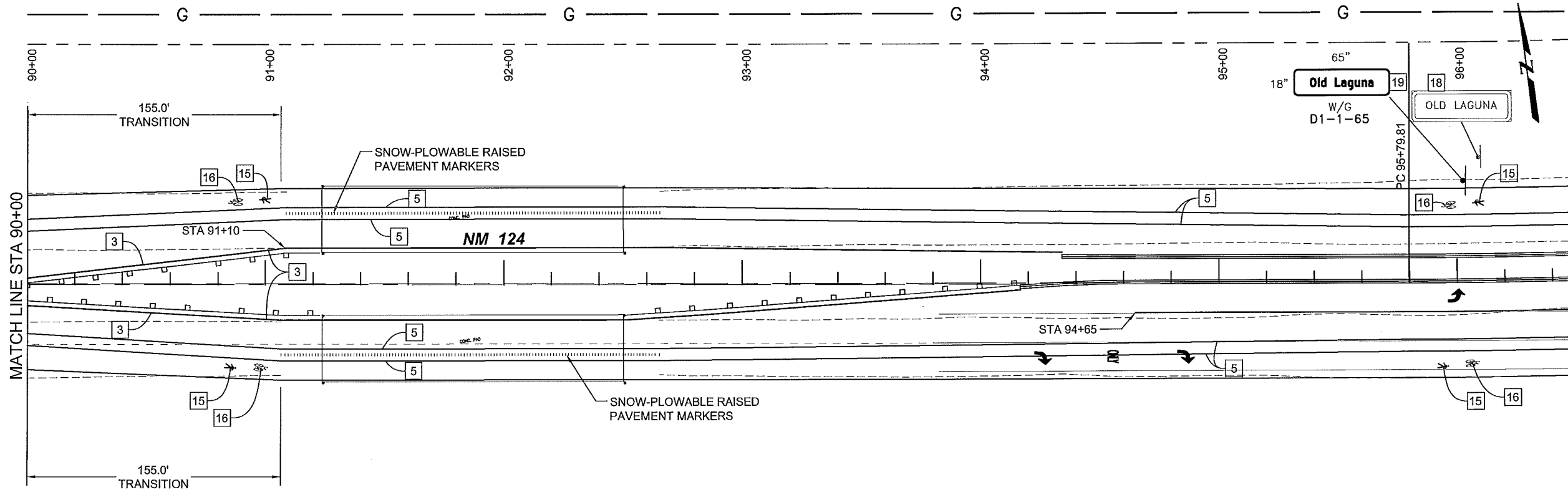
PLAN DRAWING SCALE: 1"=50'



## NOTES

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4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

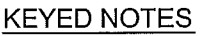
PERMANENT SIGNING  
& STRIPING PLAN  
STA 90+00-103+00



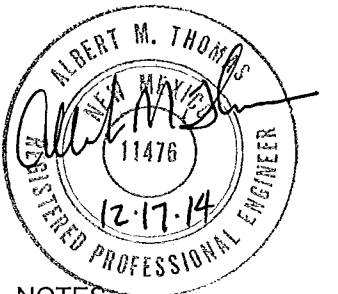
EMAIL: email

PHONE: phone

DESIGNED BY: designer

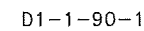
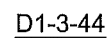
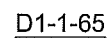
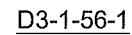
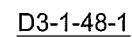


- PLAN DRAWING SCALE: 1"=50'



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4. SEE SHEET 2-25 FOR CROSSING TREATMENT.

PERMANENT SIGNING  
& STRIPING PLAN  
STA 103+00-109+50

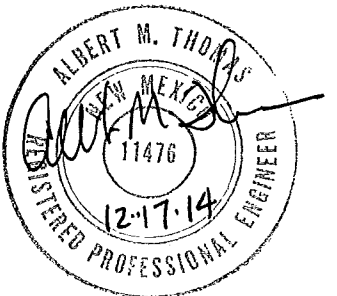


KEYED NOTES

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- 3 4" SOLID YELLOW STRIPE
- 4 4" SOLID DOUBLE YELLOW STRIPE
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- 19 INSTALL NEW SIGN
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MATCH LINE STA 31+50

PLAN DRAWING SCALE: 1"=50'



NOTES

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- SEE SHEET 2-25 FOR CROSSING TREATMENT.

PERMANENT SIGNING  
& STRIPING PLAN  
STA 27+00-38+00

EMAIL: email

PHONE: phone

DESIGNED BY: designer



701000 - PANEL SIGNS

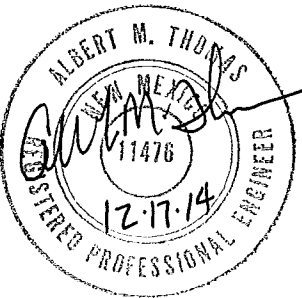
701100- STEEL POST & BASE POST FOR ALUMINUM PANEL SIGN

SIGN CODE	NO. OF SIGNS	TOTAL SIGN	POST LENGTHS (F T)				SQUARE TUBING FLANGE 2.50	U CHANNEL 4 LBS/FT	SQUARE TUBING 12 GAL				BASE POSTS	
			RIGHT	CENTER	LEFT	TOTAL			1.75 IN SQ	2 IN SQ	2.25 IN SQ	2.5 IN SQ	NO.	TOTAL LENGTH FT
		SQ FT												
B-1RL-96	1	16.00	10.0	10.0	10.0	30.0						X	3	9.0
D1-3-44	1	12.00		10.0		10.0						X	1	3.0
D1-1-65	1	8.00	10.0		10.0	20.0						X	2	6.0
D3-1-48-1	1	4.00												
D3-1-56-1	1	5.00												
D10-1-10-0	2	4.00		10.0		20.0						X	2	6.0
D10-2-10-24	2	4.00		10.0		20.0						X	2	6.0
M1-5-30-124	3	18.00		10.0		30.0						X	3	9.0
M1-5-30-279	2	12.00		10.0		20.0						X	2	6.0
OM1-1-18	2	6.00												
OM-3C-36	1	3.00		10.0		10.0						X	1	3.0
OM-3L-36	6	18.00		10.0		60.0						X	6	18.0
OM-3R-36	1	3.00		10.0		10.0						X	1	3.0
R1-1-24	14	30.00		10.0		140.0						X	14	42.0
R1-1-30	6	24.00		10.0		60.0						X	6	18.0
R1-2-36	2	8.00		10.0		20.0						X	2	6.0
R1-5L-30	2	12.00		10.0		20.0						X	2	6.0
R2-1-36-35	2	24.00		10.0		20.0						X	2	6.0
R2-1-36-40	2	24.00		10.0		20.0						X	2	6.0
R2-1-36-55	1	12.00		10.0		10.0						X	1	3.0
R3-8D-30	1	6.00		10.0		10.0						X	1	3.0
R5-3-24	14	56.00												
W1-7-48	1	8.00												
W2-1-36	1	9.00												
W3-1A-24	14	56.00		10.0		140.0						X	14	42.0
W3-5-36-35	1	9.00		10.0		10.0						X	1	3.0
W6-1-36	2	18.00		10.0		20.0						X	2	6.0
W6-1P-18	2	4.00												
W6-3-30	3	18.00		10.0		30.0						X	3	9.0
W6-3P-18	3	5.00												
W11-1-36	2	18.00		10.0		20.0						X	2	6.0
W11-15-36	17	153.00		10.0		170.0						X	17	51.0
W13-1-24-40	1	4.00		10.0		10.0						X	1	3.0
W16-5-PL-21	1	2.00												
W16-5-PR-21	1	2.00												
W16-7PL-21	9	18.00												
W16-9P-18	11	22.00												
TOTAL		655.00				930.00								279.00
USE		660.00				930.00								280.00

\* NO POSTS NEEDED, SIGN TO BE MOUNTED ON POST W/ ANOTHER SIGN

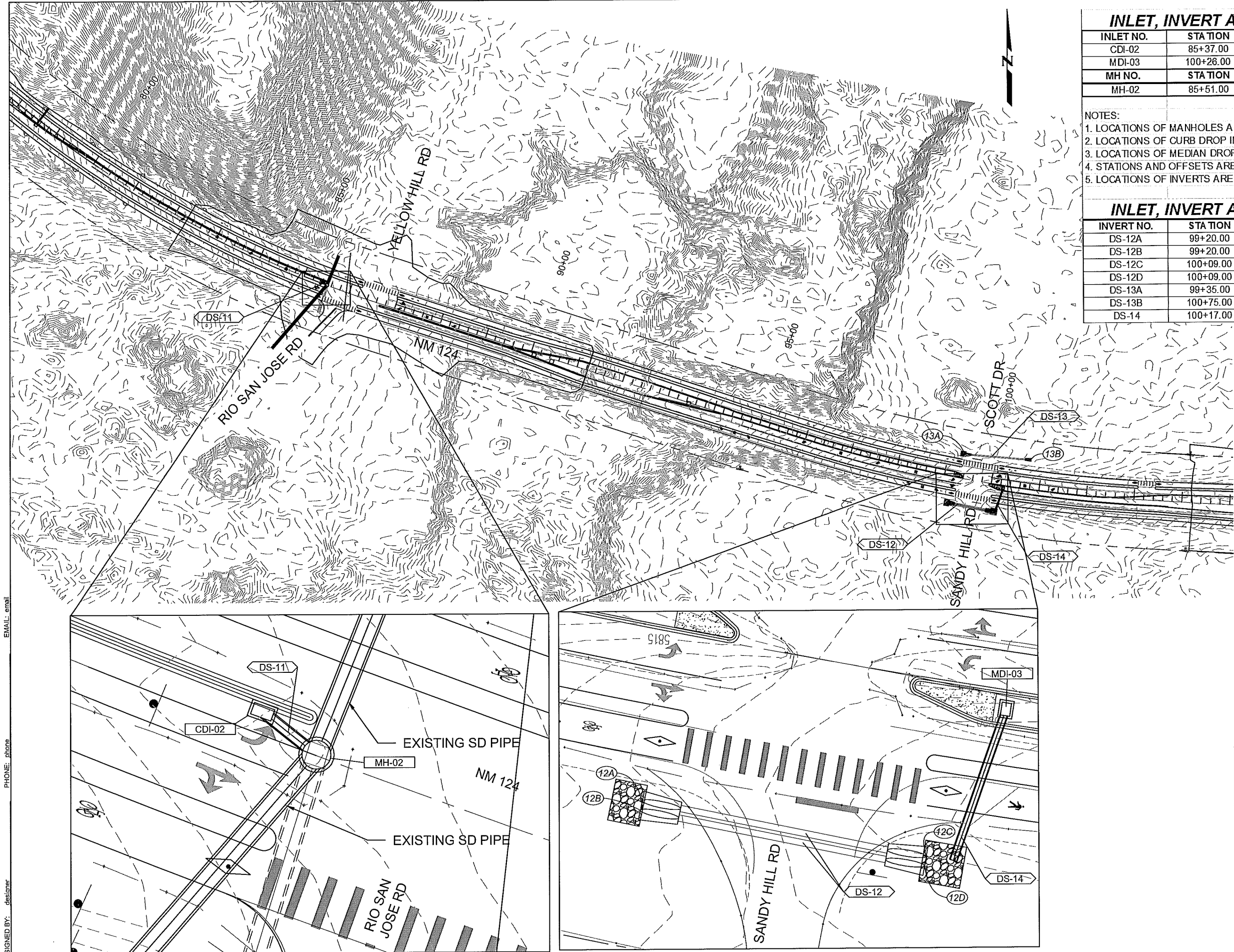
SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNITS	TOTAL	USE
701000	PANEL SIGNS	SQ FT	660	660
701100	STEEL POST & BASE POST FOR ALUMINUM PANEL SIGNS	FT	930	930
703002	OBJECT MARKER TYPE 2	EACH	10	10
703100	ROAD DELINEATOR TYPE GUIDE	EACH	10	10
703400	1/10 TH MILE DELINEATORS	EACH	15	15
704700	HOT THERMOPLASTIC PAVEMENT STRIPE 4"	LF	31741	31800
704700	HOT THERMOPLASTIC PAVEMENT STRIPE 6"	LF	31140	31200
704715	HOT THERMOPLASTIC THRU/RIGHT ARROW	EA	6	6
704717	HOT THERMOPLASTIC RIGHT ARROW	EA	5	5
704718	HOT THERMOPLASTIC LEFT ARROW	EA	21	21
704719	HOT THERMOPLASTIC THRU ARROW	EA	4	4
704720	HOT THERMOPLASTIC WORD (ONLY)	EA	16	16
704728	HOT THERMOPLASTIC YIELD LINE	LF	60	60
704732	HOT THERMOPLASTIC BIKE SYMBOL	EA	40	40
7047XX	HOT THERMOPLASTIC PED SYMBOL	EA	37	37



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NO.	DESCRIPTION	DATE BY
REVISIONS (OR CHANGE NOTICES)		
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET		
PERMANENT SIGNING & STRIPING QUANTITIES		

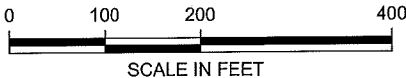
DESIGNED BY: Bohannan Huston



INLET, INVERT AND MANHOLE INFORMATION				
INLET NO.	STATION	OFF (FT)	L/T/RT	ALIGNMENT
CDI-02	85+37.00	5.50	LT	NM 124
MDI-03	100+26.00	6.10	RT	NM 124
MH NO.	STATION	OFF (FT)	L/T/RT	ALIGNMENT
MH-02	85+51.00	0.00	N/A	NM 124

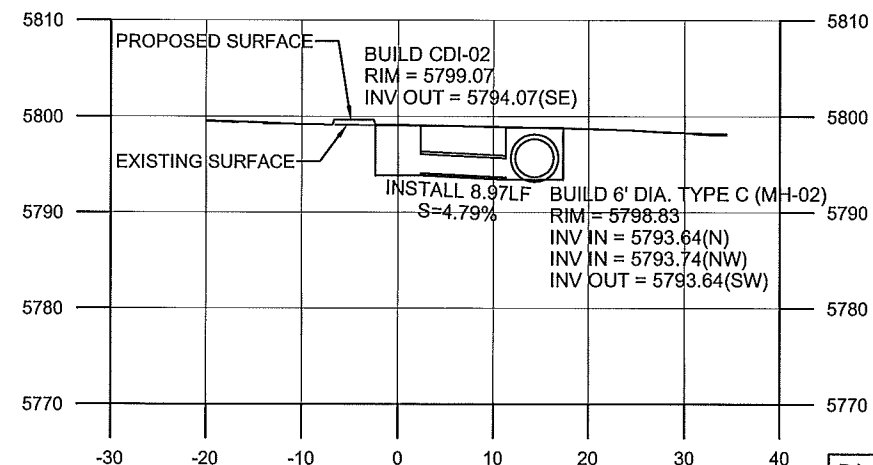
- NOTES:
1. LOCATIONS OF MANHOLES ARE TAKEN AT CENTER OF MANHOLE.
  2. LOCATIONS OF CURB DROP INLETS ARE SHOWN AT INSIDE OF BOX
  3. LOCATIONS OF MEDIAN DROP INLETS ARE SHOWN AT CENTER OF INLET.
  4. STATIONS AND OFFSETS ARE RELATIVE TO ALIGNMENT INDICATED IN TABLE.
  5. LOCATIONS OF INVERTS ARE TAKEN AT THE END OF THE CULVERT

INLET, INVERT AND MANHOLE INFORMATION				
INVERT NO.	STATION	OFF (FT)	L/T/RT	ALIGNMENT
DS-12A	99+20.00	53.50	RT	NM 124
DS-12B	99+20.00	56.50	RT	NM 124
DS-12C	100+09.00	55.20	RT	NM 124
DS-12D	100+09.00	58.20	RT	NM 124
DS-13A	99+35.00	50.25	LT	NM 124
DS-13B	100+75.00	60.75	LT	NM 124
DS-14	100+17.00	55.10	RT	NM 124



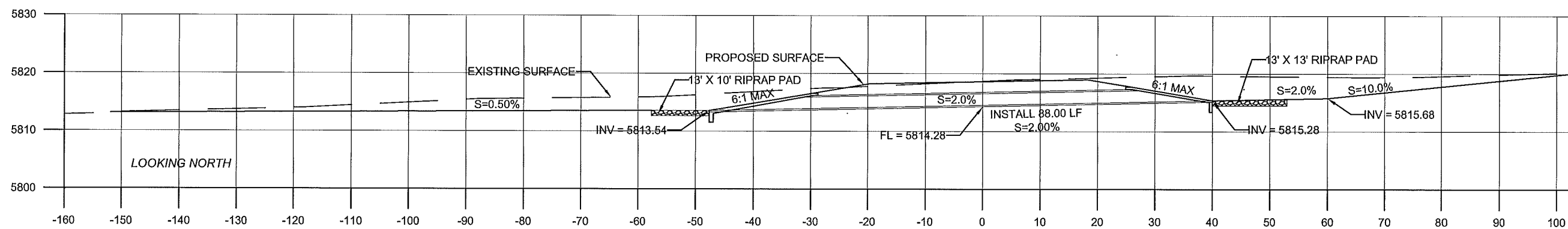
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REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION NM 124 ROAD DIET			
DRAINAGE STRUCTURE PLAN			

DESIGNED BY: Bohannan Huston  
PHONE: phone  
EMAIL: email



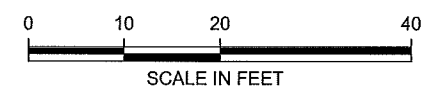
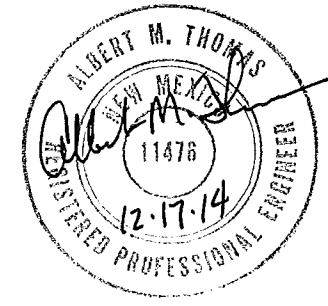
DA = 6.55 AC  
Q50 = 13.8 CFS  
HW50 = N/A

DS-11  
STA 84+00  
BUILD 1 - TYPE 1-B CURB DROP INLET(CDI-02, H=5.0')  
BUILD 1 - 24" X 10' CULVERT PIPE FROM CDI-02 TO MH-02  
REMOVE EXISTING INLET AND BUILD 1 - TYPE C 6' DIA MANHOLE (MH-02, H=5.2')



DA = 16.81 AC  
Q50 = 40.6 CFS  
HW50 = 2.50 FT

DS-12  
STA 99+60 RT  
BUILD 2 - 24" X 88' CULVERT PIPES  
BUILD SLOPE BLANKET LT & RT (SAFETY GRATE NOT REQUIRED)  
BUILD 13' X 10' EROSION CONTROL PAD LT  
BUILD 13' X 13' EROSION CONTROL PAD RT



DRAWING SCALE: 1: scale

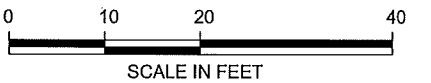
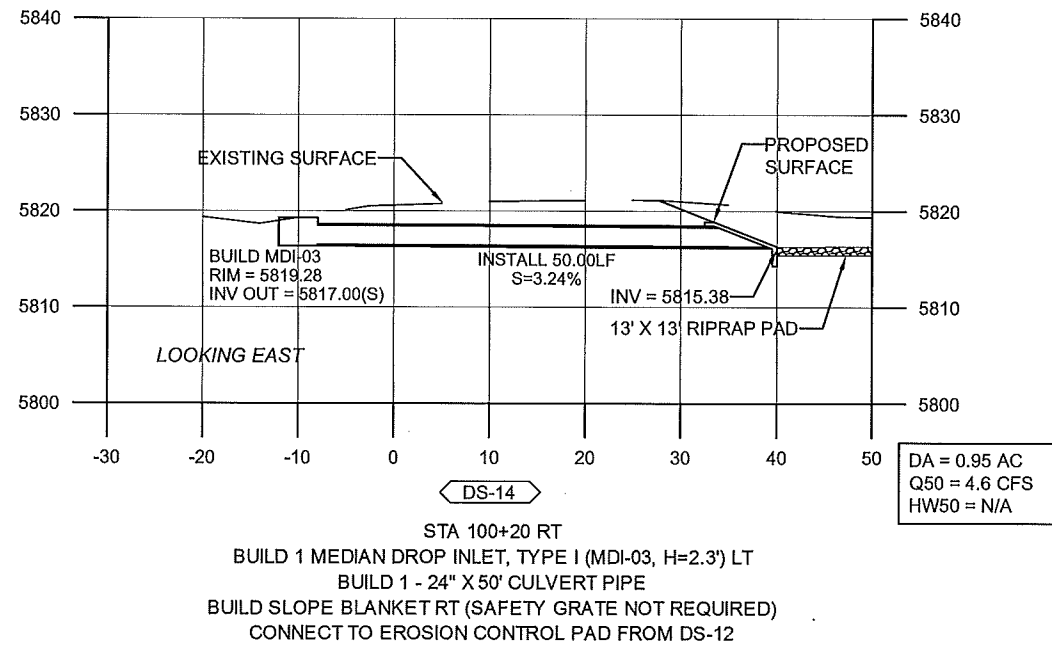
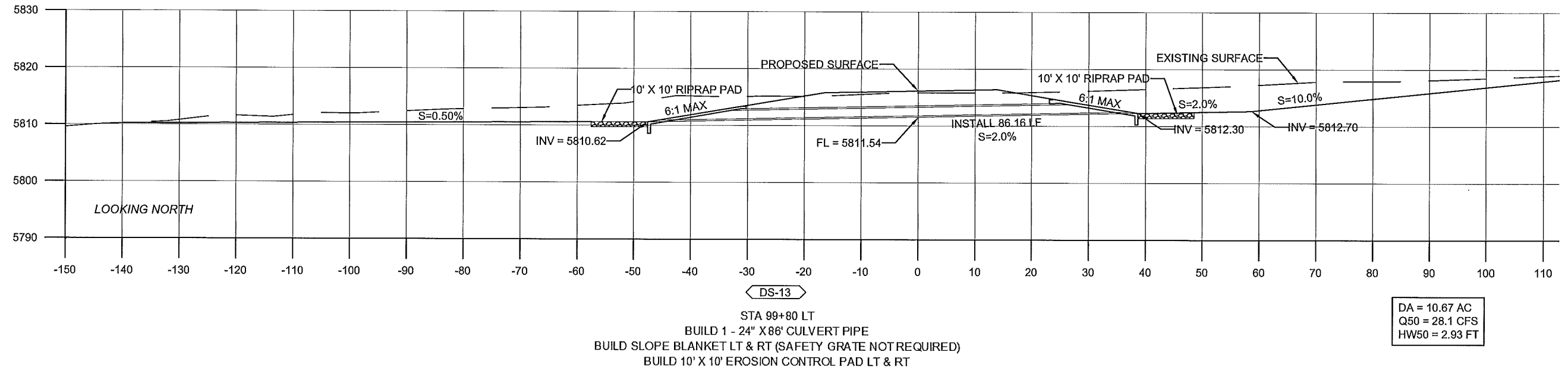
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REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

DRAINAGE STRUCTURE  
PROFILES

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email

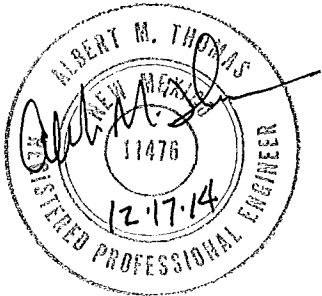


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REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT  
OF TRANSPORTATION  
NM 124 ROAD DIET

DRAINAGE STRUCTURE  
PROFILES



DRAWING SCALE: 1" = 40'

DESIGNED BY: Bohannon Huston

NEW MEXICO PROJECT NO. XXXXXX

SHEET NO. 10 - 3

DESIGNED BY: designer  
PHONE: phone  
EMAIL: email